Diary.

1914.

SBr-97.41.1 (26)

William Brewster,

145 Brattle Street,

Cambridge, Massachusetts,

U.S.A.

Should this diary be
lost and found the finder
would be suitably rewarded
for restoring it to me at
the above address. My
foreign address is in care
of Brown, Shipley & Co.
Pall Mall, London, England.

THE STANDARD DIARY

FOR SALE BY ALL STATIONERS

PUBLISHED BY

THE STANDARD DIARY CO.

FOR IDENTIFICATION.

My Name ... William Brewster

My Residence ... 145 Brattle Street, ... Cambridge, Mass. U.S.A.

My Business Address ... 15 State St., Room 20, ... Boston Mass. (Office Estate John Brewster)

My Home Telephone ... 117 Cambridge, 128-3 Concord ... mass.

My Office Telephone ... Main 7057 (Boston)

My Home Fire Alarm Box .....

My Office Fire Alarm Box .....

In case of accident or serious illness please notify .....

Estabrook & Co. 15 State St. Boston or

J. R. Gallonpe " " " Room 20 " "

R. A. Gilbert, 26 Upton St., Cambridge

The make of my Automobile ... Ford .....

.....

Its Number .....

Number on case of my Watch .....

Number of the works .....

Number of my Bank Book .....

My Weight was ... 175 lbs ... On .....

Height ... 5'-11½" ... feet ..... inches .....

Size of Hat ..... Gloves .....

" Hosiery ..... Collar .....

" Cuffs ..... Shoes .....

" Shirt ..... Drawers .....

CALENDAR.

1914

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CALENDAR.

1915

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RATES OF POSTAGE.

Official at time of printing. As changes are expected in 2d, 3d and 4th classes, also Parcel Post rates, inquire at Post Office.

United States and Possessions, Canada, Mexico, Cuba, and Shanghai, China.

First Class (letters, etc.)	per ounce	2c
Second " (newspapers, periodicals)	4 "	1c
Third " (books, circulars)	2 "	1c
Fourth " (merchandise, etc.) see Parcel Post		
Registration Fee (extra postage)		10c
Special Delivery (" ")		10c
Postal Cards (reply cards 2c)		1c
Local or Drop Letters (where no free delivery)	"	1c
Postal Savings Bank (inquire at P. O.)		

MONEY ORDERS.—For sums not exceeding $2.50, **3** cents; over $2.50 to $5, **5** cents; over $5 to $10, **8** cents; over $10 to $20, **10** cents; over $20 to $30, **12** cents: over $30 to $40, **15** cents; over $40 to $50, **18** cents; over $50 to $60, **20** cents; over $60 to $75, **25** cents; over $75 to $100, **30** cents.

PARCEL POST, for United States and Possessions.

Within 150 miles, weight limit 20 lbs. Size limit, length and girth combined, **72** inches. 4 ozs. or less, 1c an oz. Over 4 ozs. considered a lb. Fractional lbs. same as lbs.

Local (within P. O. Dist.)	first lb.	5 cents	each additional *two* lbs. or fraction	1	cent
Within 150 miles	"	5 "	each additional pound or fraction	1	"

Over 150 miles, weight limit 11 lbs. Size as above. 4 ozs. or less 1c an oz. Over 4 ozs. considered a lb. Fractional lbs. same as lbs.

Distances	First pound	Each additional pound or fraction
150 to 300 miles	7 cents	5 cents
Within 600 "	8 "	6 "
" 1000 "	9 "	7 "
" 1400 "	10 "	9 "
" 1800 "	11 "	10 "
1800 and over "	12 "	12 "

Address of sender required, preceded by word "**From.**" *Insurance against loss not to exceed $25—5 cts extra; not over $50—10 cts. extra. Collect on delivery, "C.O.D.," inquire at P. O.*

Postage to Foreign Countries.

Letters for British Isles and Newfoundland	per ounce	2c
" for Germany (if sent by German steamer 2c per oz.)	"	5c
" for other countries	"	5c
	each additional ounce or fraction	3c
Postal cards (reply cards, 4c)		2c
Newspapers and printed matter	2 ounces	1c
Samples merchandise	first 4 "	2c
	every additional 2 "	1c
Commercial papers	first 10 ounces or fraction	5c
	every additional 2 ounces	1c
Registration Fee (extra postage)		10c
Reply Coupons		6c
Parcels Post (inquire at P. O.)	per lb.	12c
Money Orders (inquire at P. O.)		

POPULATION OF THE UNITED STATES.

	1910	1900
Alabama	2,138,093	1,828,697
Arizona	204,354	122,931
Arkansas	1,574,449	1,311,564
California	2,377,549	1,485,053
Colorado	799,024	539,700
Connecticut	1,114,756	908,420
Delaware	202,322	184,735
Dist. of Columbia	331,069	278,718
Florida	752,619	528,542
Georgia	2,609,121	2,216,331
Idaho	325,594	161,772
Illinois	5,638,591	4,821,550
Indiana	2,700,876	2,516,462
Iowa	2,224,771	2,231,853
Kansas	1,690,949	1,470,495
Kentucky	2,289,905	2,147,174
Louisiana	1,656,388	1,381,625
Maine	742,371	694,466
Maryland	1,294,450	1,188,044
Massachusetts	3,366,416	2,805,346
Michigan	2,810,173	2,420,982
Minnesota	2,075,708	1,751,394
Mississippi	1,797,114	1,551,270
Missouri	3,293,335	3,106,665
Montana	376,053	243,329
Nebraska	1,192,214	1,066,300
Nevada	81,875	42,335
New Hampshire	430,572	411,588
New Jersey	2,537,167	1,883,669
New Mexico	327,396	195,310
New York	9,113,614	7,268,894
North Carolina	2,206,287	1,893,810
North Dakota	577,056	319,146
Ohio	4,767,121	4,157,545
Oklahoma	1,657,155	790,391
Oregon	672,765	413,536
Pennsylvania	7,665,111	6,302,115
Rhode Island	542,674	428,556
South Carolina	1,515,400	1,340,316
South Dakota	583,888	401,570
Tennessee	2,184,789	2,020,616
Texas	3,896,542	3,048,710
Utah	373,351	276,749
Vermont	355,956	343,641
Virginia	2,061,612	1,854,184
Washington	1,141,990	518,103
West Virginia	1,221,119	958,800
Wisconsin	2,333,860	2,069,042
Wyoming	145,965	92,531
Alaska	64,356	63,592
Hawaii	191,909	154,001
Porto Rico	1,118,012	953,243
Military and Naval	55,608	91,219
United States	93,401,414	77,256,630

POPULATION OF PRINCIPAL CITIES.

	1910	1900
Akron, O.	69,067	42,728
Albany, N. Y.	100,253	94,151
Allentown, Pa.	51,913	35,416
Altoona, Pa.	52,127	38,973
Atlanta, Ga.	154,839	89,872
Atlantic City, N. J.	44,461	27,838
Augusta, Ga.	41,040	39,441
Baltimore, Md	558,485	508,957
Bay City, Mich.	45,166	27,628
Bayonne, N. J.	55,545	32,722
Binghamton, N.Y.	48,443	39,647
Birmingham, Ala.	132,685	38,415
Boston, Mass.	670,585	560,892
Bridgeport, Conn.	102,054	70,996
Brockton, Mass.	56,878	40,063
Brooklyn, N.Y.	1,634,351	1,166,582
Buffalo, N.Y.	423,715	352,387
Butte, Mont.	39,165	30,470
Cambridge, Mass.	104,839	91,886
Camden, N. J.	94,538	75,935
Canton, O.	50,217	30,667
Charleston, S. C.	58,833	55,807
Chattanooga, Tenn.	44,604	30,154
Chelsea, Mass.	32,452	34,072
Chester, Pa.	38,537	33,988
Chicago, Ill.	2,185,283	1,698,575
Cincinnati, O.	364,463	325,902
Cleveland, O.	560,663	381,768
Columbus, O.	181,548	125,560
Council Bluffs, Ia.	29,292	25,802
Covington, Ky.	53,270	42,938
Dallas, Tex.	92,104	42,638
Davenport, Ia.	43,028	35,254
Dayton, O.	116,577	85,333
Denver, Col.	213,381	133,859
Des Moines, Ia.	86,368	62,139
Detroit, Mich.	465,766	285,704
Dubuque, Ia.	38,494	36,297
Duluth, Minn.	78,466	52,969
East St. Louis, Ill.	58,547	29,655
Elizabeth, N. J.	73,409	52,130
Elmira, N. Y.	37,176	35,672
Erie, Pa.	66,525	52,733
Evansville, Ind.	69,647	59,007
Fall River, Mass.	119,295	104,863
Fitchburg, Mass.	37,826	31,531
Fort Wayne, Ind.	63,933	45,115
Fort Worth, Tex.	73,312	26,688
Galveston, Tex.	36,981	37,789
Gloucester, Mass.	24,398	26,121
Grand Rapids, Mich.	112,571	87,565
Hamilton, O.	35,279	23,914
Harrisburg, Pa.	64,186	50,167
Hartford, Conn.	98,915	79,850
Haverhill, Mass.	44,115	37,175
Hoboken, N. J.	70,324	59,364

POPULATION OF PRINCIPAL CITIES.— CONTINUED.

	1910	1900
Holyoke, Mass.	57,730	45,712
Houston, Tex.	78,800	44,633
Indianapolis, Ind.	233.650	169,164
Jackson, Mich.	31,433	25,180
Jacksonville, Fla.	57,699	28,429
Jersey City, N. J.	267,779	206,433
Johnstown, Pa.	55,482	35,936
Joliet, Ill.	34,670	29,353
Kalamazoo, Mich.	39,437	24,404
Kansas City, Kan.	82,331	51,418
Kansas City, Mo.	248,581	163,752
Knoxville, Tenn.	36,346	32,637
La Crosse, Wis.	30,417	28,895
Lancaster, Pa.	47,227	41,459
Lawrence, Mass.	85,892	62,559
Lexington, Ky	35,099	26,369
Lincoln, Neb.	43,973	40,169
Little Rock, Ark	45,941	38,307
Los Angeles, Cal.	319,198	102,479
Louisville, Ky.	223,928	204,731
Lowell, Mass.	106,294	94,969
Lynn, Mass.	89,336	68,513
Macon, Ga.	40,665	23,272
Madison, Wis.	25,531	19,164
Malden, Mass.	44,404	33,664
Manchester, N. H.	70,063	56,987
McKeesport, Pa.	42,694	34,227
Memphis, Tenn.	131,105	102,320
Meriden, Conn	27,265	24,296
Milwaukee, Wis.	373,857	285,315
Minneapolis, Minn.	301,408	202,718
Mobile, Ala.	51,521	38,469
Montgomery, Ala.	38,136	30,346
Nashville, Tenn	110,364	80,865
Newark, N. J.	347,469	246,070
New Bedford, Mass.	96,652	62,442
New Britain, Conn.	43,916	25,998
Newcastle, Pa.	36,280	28,339
New Haven, Conn.	133,605	108,027
New Orleans, La.	339,075	287,104
Newton, Mass.	39,806	33,587
New York, N. Y.	4,766,883	3,437,202
Niagara Falls, N.Y.	30,445	19,457
Norfolk, Va.	67,452	46,624
Oakland, Cal.	150,174	66,960
Oklahoma City, Okla.	64,205	10,037
Omaha, Neb.	124,096	102,555
Pasadena, Cal.	30,291	9,117
Passaic, N.J.	54,773	27,777
Paterson, N. J.	125,600	105,171
Pawtucket, R. I.	51,622	39,231
Peoria, Ill.	66,950	56,100
Perth Amboy, N. J.	32,121	17,699
Philadelphia, Pa.	1,549,008	1,293,697
Pittsburg and Allegheny, Pa.	533,905	451,512
Portland, Me.	58,571	50,145
Portland, Ore	207,214	90,426

POPULATION OF PRINCIPAL CITIES.— CONTINUED.

	1910	1900
Providence, R. I.	224,326	175,597
Pueblo, Col.	44,395	28,157
Quincy, Ill.	36,587	36,252
Quincy, Mass.	32,642	23,899
Racine, Wis.	38,002	29,102
Reading, Pa.	96,071	78,961
Richmond, Va.	127,628	85,050
Rochester, N. Y.	218,149	162,608
Rockford, Ill.	45,401	31,051
Rutland, Vt.	13,546	11,499
Sacramento, Cal.	44,696	29,282
Saginaw, Mich.	50,510	42,345
Saint Joseph, Mo.	77,403	102,979
Saint Louis, Mo.	687,029	575,238
Saint Paul, Minn.	214,744	163,065
Salem, Mass.	43,697	35,956
Salt Lake City, Utah.	92,777	53,531
San Antonio, Tex.	96,614	53,321
San Diego, Cal.	39,578	17,700
San Francisco, Cal.	416,912	342,782
San Jose, Cal.	28,946	21,500
Savannah, Ga	65,064	54,244
Schenectady, N. Y.	72,826	31,682
Scranton, Pa.	129,867	102,026
Seattle, Wash.	237,194	80,671
Sioux City, Ia.	47,828	33,111
Somerville, Mass.	77,236	61,643
South Bend, Ind.	53,684	35,999
Spokane, Wash.	104,402	36,848
Springfield, Ill.	51,678	34,159
Springfield, Mass.	88,926	62,059
Springfield, O.	46,921	38,253
Superior, Wis.	40,384	*36,551
Syracuse, N. Y.	137,249	108,374
Tacoma, Wash.	83,743	37,714
Tampa, Fla.	37,782	15,839
Taunton, Mass	34,259	31,036
Terre Haute, Ind.	58,157	36,673
Toledo, O.	168,497	131,822
Topeka, Kan.	43,684	33,608
Trenton, N. J.	96,815	73,307
Troy, N. Y.	76,813	60,651
Utica, N. Y.	74,419	56,383
Waltham, Mass.	27,834	23,481
Washington, D. C.	331,069	278,718
Waterbury, Conn	73,141	45,859
West Hoboken, N. J.	35,403	23,094
Wheeling, W. Va.	41,641	38,878
Wichita, Kan.	52,450	24,671
Wilkesbarre, Pa.	67,105	51,721
Williamsport, Pa.	31,860	28,757
Wilmington, Del.	87,411	76,508
Woonsocket, R. I.	38,125	28,204
Worcester, Mass.	145,986	118,421
Yonkers, N. Y.	79,803	47,931
York, Pa.	44,750	33,708
Youngstown, O.	79,066	44,885

* 1905

THE LARGEST CITIES IN THE WORLD.

1910 Census data for cities in the United States. Official estimates of the British Registrar General and of municipal statistical offices for the European and other American cities. Official estimates for other cities.

London	7,429,740	Copenhagen	450,000
New York	4,766,883	Montreal	450,000
Paris	2,760,033	Odessa	449,673
Tokio, Japan	2,186,079	Haidarabad	448,466
Chicago	2,185,283	Kioto, Japan	442,462
Berlin	2,106,513	Buffalo	423,715
Vienna	2,085,888	San Francisco	416,912
Peking	1,600,000	Rotterdam	414,491
Philadelphia	1,549,008	Dublin	402,928
St. Petersburg	1,620,000	Yokohama,	394,303
Calcutta	1,009,008	Turin	391,968
Constantinople	1,106,000	Belfast	391,167
Osaka, Japan	1,226,590	Alexandria	391,121
Moscow	1,452,100	Bristol, Eng.	382,550
Buenos Ayres	1,204,007	Nagoya, Japan	378,231
Bombay	977,822	Kobe, Japan	378,197
Canton	900,000	Milwaukee	373,857
Hamburg	887,750	Frankfort-on-Main	366,283
Glasgow	884,505	Cincinnati	364,463
Rio Janeiro	842,822	Edinburgh	360,276
Buda-Pesth	823,215	Lisbon	356,009
Tientsin	800,000	Lodz, Poland	351,570
Liverpool	767,606	Newark, N.J.	347,469
Warsaw	751,595	Mexico City	344,721
Manchester, Eng.	716,354	Dusseldorf	344,450
Brussels	704,975	Stockholm	340,300
Cairo, Egypt	704,836	New Orleans	339,075
St. Louis	687,029	Hong Kong	337,160
Boston	670,585	Santiago, Chili	332,724
Shanghai	651,000	Washington	331,069
Bangkok	628,675	West Ham, Eng.	328,585
Naples	599,000	Riga	321,500
Sidney	599,000	Palermo	321,000
Milan	597,325	Kieff	319,000
Rome	574,666	Montevideo	316,000
Munich	571,000	Antwerp	314,135
Birmingham, Eng.	570,113	Havana	302,526
Amsterdam	566,860	Minneapolis	301,408
Madras	562,191	Bucharest	297,843
Cleveland	560,663	Bradford	295,865
Baltimore	558,485	Nuremberg	294,426
Melbourne	556,750	Hanover, Germany	289,149
Madrid	547,000	Newcastle	285,951
Dresden	546,400	Stuttgart	280,671
Barcelona	539,000	Teheran	280,000
Leipzig	535,599	Sao Paulo, Brazil	280,006
Pittsburgh	533,905	Hull	280,000
Marseilles	518,000	Genoa	278,000
Breslau	502,990	Chemnitz	276,940
Prague	491,481	Charlottenburg, Prussia	274,675
Leeds	490,985	Essen, Germany	271,208
Sheffield	478,763	Jersey City	267,779
Cologne	472,087	Nottingham	266,471
Lyons	472,000	Lucknow	264,049
Detroit	465,766	The Hague	262,621

PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of	Residence when elected.	Political Party.
1	GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years	Dec. 14, 1799	Virginia.	Virginia.	Federal.
2	JOHN ADAMS	Oct. 31, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.	Mass.	"
3	THOMAS JEFFERSON	April 2, 1743	" 4, 1801	8 "	" 4, 1826	Virginia.	Virginia.	Republican.
4	JAMES MADISON	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"	"	"
5	JAMES MONROE	April 28, 1758	" 4, 1817	8 "	July 4, 1831	"	"	"
6	JOHN QUINCY ADAMS	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.	Mass.	Coalition.
7	ANDREW JACKSON	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.	Tennessee.	Democrat.
8	MARTIN VAN BUREN	Dec. 5, 1782	" 4, 1837	4 "	July 24, 1862	New York.	New York.	"
9	WM. H. HARRISON	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	Virginia.	Ohio.	Whig.
10	JOHN TYLER	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	"	Virginia.	Democrat.
11	JAMES K. POLK	Nov. 2, 1795	Mar. 4, 1845	4 years	June 15, 1849	N. Carolina.	Tennessee.	Democrat.
12	ZACHARY TAYLOR	Sept. 24, 1784	" 4, 1849	1 year 4 mos.	July 9, 1850	Virginia.	Louisiana.	Whig.
13	MILLARD FILLMORE	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	New York.	New York.	"
14	FRANKLIN PIERCE	Nov. 23, 1804	Mar. 4, 1853	4 years	Oct. 8, 1869	N. Hamp.	N. Hamp.	Democrat.
15	JAMES BUCHANAN	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Penn.	Penn.	"
16	ABRAHAM LINCOLN	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	Kentucky.	Illinois.	Republican.
17	ANDREW JOHNSON	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.	Tennessee.	"
18	ULYSSES S. GRANT	April 27, 1822	Mar. 4, 1869	8 years	July 23, 1885	Ohio.	Illinois.	"
19	RUTHERF'D B. HAYES	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"	Ohio.	"
20	JAMES A. GARFIELD	Nov. 19, 1831	" 4, 1881	6½ months	Sept. 19, 1881	"	"	"
21	CHESTER A. ARTHUR	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	Vermont.	New York.	"
22	GROVER CLEVELAND	Mar. 18, 1837	Mar. 4, 1885	4 years	June 24, 1908	New Jersey.	" "	Democrat.
23	BENJAMIN HARRISON	Aug. 20, 1833	" 4, 1889	4 "	Mar. 13, 1901	Ohio.	Indiana.	Republican.
24	GROVER CLEVELAND	Mar. 18, 1837	" 4, 1893	4 "	June 24, 1908	New Jersey.	New York.	Democrat.
25	WILLIAM MCKINLEY	Jan. 29, 1843	" 4, 1897	4 yrs. 6½ mos.	Sept. 14, 1901	Ohio.	Ohio.	Republican.
26	THEODORE ROOSEVELT	Oct. 27, 1858	Sept. 14, 1901	7 yrs. 5⅔ mos.	.....	New York.	New York.	Republican.
27	WM. HOWARD TAFT	Sept. 15, 1857	Mar. 4, 1909	4 yrs.	.....	Ohio.	Ohio.	Republican.
28	WOODROW WILSON	Dec. 28, 1856	" 4, 1913	.....	.....	Virginia.	New Jersey.	Democrat.

INTEREST TABLE.

FOUR PER CENT.

TIME.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 DY.	0	0	0	0	0	0	0	0	0	0	1	11
3 "	0	0	0	0	0	0	0	0	0	½	3½	33
5 "	0	0	0	0	0	0	0	½	½	½	5½	56
10 "	0	0	0	½	½	½	1	1	1	1	11	1 11
1 MO.	0	½	1	1½	1½	2	2½	2½	3	3½	33	3 33
2 "	½	1½	2	2½	3½	4	4½	5½	6	6½	67	6 67
3 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
4 "	1½	2½	4	5½	6½	8	9½	10½	12	13½	1 33	13 33
6 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
9 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
1 YR.	4	8	12	16	20	24	28	32	36	40	4 00	40 00

FIVE PER CENT.

TIME.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 DY.	0	0	0	0	0	0	0	0	0	0	1	14
3 "	0	0	0	0	0	0	0	0	0	0	4	42
5 "	0	0	0	0	0	0	0	1	1	1	7	69
10 "	0	0	0	0	1	1	1	1	1	1½	14	1 39
1 MO.	½	1	1	2	2	3	3	3	4	4	42	4 17
2 "	1	1½	3	3	4	5	6	7	8	8	83	8 33
3 "	1	2½	4	5	6	8	9	10	11	13	1 25	12 50
4 "	1½	3	5	7	8	10	12	13	15	17	1 67	16 67
6 "	2½	5	8	10	13	15	18	20	23	25	2 50	25 00
9 "	3¾	7½	11	15	19	23	26	30	34	38	3 75	37 50
1 YR.	5	10	15	20	25	30	35	40	45	50	5 00	50 00

SIX PER CENT.

TIME.	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
1 DY.	0	0	0	0	0	0	0	0	0	0	2	17
3 "	0	0	0	0	0	0	0	0	0	1	5	50
5 "	0	0	0	0	0	1	1	1	1	1	8	83
10 "	0	0	1	1	1	1	1	1	2	2	17	1 67
1 MO.	½	1	2	2	3	3	4	4	5	5	50	5 00
2 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
3 "	1½	3	5	6	8	9	11	12	14	15	1 50	15 00
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
6 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
9 "	4½	9	14	18	23	27	32	36	41	45	4 50	45 00
1 YR.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

INTEREST LAWS OF ALL THE STATES,

AND DAYS OF GRACE.

STATES AND TERRITORIES.	DAYS OF GRACE. Notes.	DAYS OF GRACE. Sight Drafts	RATES OF INTEREST. Legal.	RATES OF INTEREST. SPECIAL OR CONTRACT	STATUTES OF LIMITATIONS. Judgments. Years.	STATUTES OF LIMITATIONS. Notes. Years.	STATUTES OF LIMITATIONS. Open Accts. Years.
Alabama	No	No	8	8 per ct.	20	6*	3
Alaska	Yes	No	8	12 per ct.	10	6	3
Arizona	No	No	6	12 per ct.	5	4	3
Arkansas	Yes	Yes	6	10 per ct.	10	5	3
California	No	No	7	No limit.	5	4	4
Colorado	No	No	8	No limit.	20	6	6
Connecticut	No	No	6	No limit.	(a)	(b)	6
Delaware	No	No	6	6 per ct.	10	6†	3
Dist. of Columbia	No	No	6	6 per ct.	12	3	3
Florida	No	No	8	10 per ct.	20	5	2
Georgia	Yes	No	7	8 per ct.	7	6†	4
Hawaiian Isl'nds	No	No	8	12 per ct.	....	....	....
Idaho	No	No	7	12 per ct.	6	5	4
Illinois	No	No	5	7 per ct.	20	10	5
Indiana	No	No	6	8 per ct.	20	10	6
Iowa	No	No	6	8 per ct.	20‡	10	5
Kansas	No	No	6	10 per ct.	5	5	3
Kentucky	No	No	6	6 per ct.	15	15	5§
Louisiana	No	No	5	8 per ct.	10	5	3
Maine	No	Yes	6	No limit.	20	6-20	6
Maryland	No	No	6	6 per ct.	12	3	3
Massachusetts	No	Yes	6	No limit.	20	6	6
Michigan	No	No	5	7 per ct.	10	6	6
Minnesota	No	Yes	6	10 per ct.	10	6	6
Mississippi	Yes	Yes	6	10 per ct.	7	6	3
Missouri	No	No	6	8 per ct.	10	10	5
Montana	No	No	8	No limit.	10	8	5
Nebraska	No	No	7	10 per ct.	5	5	4
Nevada	Yes	No	7	No limit.	6	4	4
New Hampshire	No	Yes	6	6 per ct.	20	6	6
New Jersey	No	No	6	6 per ct.	20	6	6
New Mexico	Yes	Yes	6	12 per ct.	7	6	4
New York	No	No	6	‖6 per ct.	20	6	6
North Carolina	No	No	6	6 per ct.	10	3*	3
North Dakota	No	No	7	12 per ct.	10	6	6
Ohio	No	No	6	8 per ct.	6-15	15	6
Oklahoma	Yes	Yes	6	10 per ct.	1-5	5	3
Oregon	No	No	6	10 per ct.	10	6	6
Pennsylvania	No	No	6	6 per ct.	5	6†	6
Philippine Isl'nds	No	No	6	No limit.	....	....	....
Porto Rico	No	No	6	12 per ct.	....	....	....
Rhode Island	No	Yes	6	No limit.	20	6	6
South Carolina	No	Yes	7	8 per ct.	10	6	6
South Dakota	Yes	Yes	7	12 per ct.	10	6	6
Tennessee	No	No	6	6 per ct.	10	6	6
Texas	Yes	Yes	6	10 per ct.	10	4	2
Utah	No	No	8	12 per ct.	8	6	4
Vermont	No	No	6	6 per ct.	8	6	6
Virginia	No	No	6	6 per ct.	20	5*	3-3
Washington	No	No	6	12 per ct.	6	6	3
West Virginia	No	No	6	6 per ct.	10	10	5
Wisconsin	No	No	6	10 per ct.	6-20	6	6
Wyoming	No	No	8	12 per ct.	21	5	8

‖ Any rate of interest on call loans of $5,000 or upward, on collateral security.
(a) No limit. (b) Negotiable notes, 6 years. * Under seal, 10 years.
† Under seal, 20 years. ‡ In Courts of Record, 20 years; Justice's Court, 10 years. § Accounts between merchants, 2 years.

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

4 In. = 1 Hand.
7.92 In. = 1 Link.
18 In. = 1 Cubit.
12 In. = 1 Foot.
6 Ft. = 1 Fathom.

3 Feet = 1 Yard.
5½ Yds. = 1 Rod or Pole
40 Poles = 1 Furlong
8 Fur. = 1 Mile.
69 1-6 Miles = 1 Degree.

60 Geographical Miles = 1 Degree.
1760 Yards } = 1 Mile.
5280 Feet }

MEASURE OF SURFACE.

144 Square Inches = 1 Square Foot.
9 Square Feet = 1 Square Yard.
30¼ Square Yards = 1 Sq. Rod, Perch or Pole
40 Square Rods = 1 Square Rood.
4 Square Roods = 1 Acre.
Gunter's Chain = 22 Yards or 100 Links.
10 Square Chains = 1 Acre.
640 Acres = 1 Square Mile.
272¼ Square Feet = 1 Square Rod.
43,560 Square Feet = 1 Acre.

MEASURE OF SOLIDITY.

1728 Cubic Inches = 1 Cubic Foot.
27 Cubic Feet = 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27 11/32 Grains = 1 Drachm (dr.) or 27 11/32 Grains
16 Drachms = 1 Ounce (oz.) or 437½ "
16 Ounces = 1 Pound (lb.) or 7000 "
28 Pounds = 1 Quarter (qr.).
4 Quarters = 1 Hundred-Weight (cwt)
20 Cwts. = 1 Ton.
2240 Pounds = 1 Ton.

TROY WEIGHT.

24 Grains = 1 Pennyweight, or 24 Grains.
20 Pennywts = 1 Ounce, or 480 "
12 Ounces = 1 Pound, or 5760 "

APOTHECARIES' WEIGHT.

20 Grains = 1 Scruple.
3 Scruples = 1 Drachm.

8 Drachms = 1 Ounce.
12 Ounces = 1 Pound.

DIAMOND WEIGHT.

16 Parts = 1 Grain (4-5ths Grain Troy.)
4 Grains = 1 Carat (3 1-5th Grains Troy.)

LIQUID MEASURE.

4 Gills = 1 Pint.
2 Pints = 1 Quart.
4 Quarts = 1 Gallon.

31½ Gallons = 1 Barrel.
54 Gallons = 1 Hhd.
252 Gallons = 1 Tun.

DRY MEASURE.

8 Quarts = 1 Peck.
4 Pecks = 1 Bushel.

8 Bushels = 1 Quarter.
36 Bushels = 1 Chaldron.

1 Bushel = 2150.42 Cubic Inches.

WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

States.	Barley.	Buckwheat.	Coal.	Corn, shel'd	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
New Hampshire	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut	..	45	..	56	..	..	32	60	56	56	..	..	..	..	..
New York	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey	48	50	..	56	..	..	30	60	56	60	..	..	..	64	..
Pennsylvania	47	48	..	56	..	..	30	56	56	60	85	..	..	62	..
Delaware	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina	48	50	..	54	46	..	30	..	56	60	..	..	..	64	..
South Carolina	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia	40	..	80	56	48	57	35	56	..	60	56	..	..	60	45
Louisiana	32	..	..	56	..	..	32	..	..	60	..	..	..	..	..
Arkansas	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin	48	50	..	56	..	..	32	60	56	60	..	..	..	60	..
Minnesota	48	42	..	56	..	..	32	60	56	60	..	..	..	60	..
Iowa	48	52	..	56	..	57	33	60	56	60	50	..	60	60	45
Missouri	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon	46	42	..	56	..	..	36	60	56	60	..	..	..	60	..

HELP! In Case of Accidents.

Drowning. 1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms, from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back, (so as to close entrance to stomach) direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

Burns and Scalds. Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive or linseed oil, plain or mixed with chalk or whiting.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade and apply ice-cold water to head.

Mad Dog or Snake Bite. Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

Venomous Insects' Stings, etc. Apply weak ammonia, oil, salt water or iodine.

Fainting. Place flat on back; allow fresh air and sprinkle with water.

Electricity. Release from current, not touching body or wire with hands, metal or a wet stick. Handle body by its clothing, with rubber gloves and shoes if possible, if not, cover hands with dry woolen cloth, and stand on dry boards. Then induce artificial respiration as in a case of drowning. Rub limbs and massage body.

Tests of Death. Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead, the hole will remain, if alive, it will close up.

Cinders in the Eye. Roll soft paper up like a lamplighter and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

Fire in one's Clothing. *Don't run* — especially not down stairs or out of doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down so as not to inhale flame.

Fire in a Building. Crawl on the floor. The clearest air is the lowest in the room. Cover head with a woolen wrap, wet if possible. Cut holes for the eyes. Don't get excited.

Fire in Kerosene. *Don't use water*, it will spread the flames. Dirt, sand or flour is the best extinguisher; or smother with woolen rug, table-cloth or carpet.

Suffocation from Inhaling Burning-Gas. Get into the fresh air as soon as possible and lie down. Keep warm. Take Ammonia,— twenty drops to a tumbler of water, at frequent intervals.

ANTIDOTES FOR POISONS.

First. Send for a Physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger, drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

Acids are antidotes for ALKALIES, and *vice versa*.

SPECIAL POISONS AND ANTIDOTES.

Acids. MURIATIC. OXALIC, ACETIC. SULPHURIC (Oil of Vitriol). NITRIC (Aqua Fortis).	Soapsuds, Magnesia, Lime-water.
Prussic Acid.	Ammonia in water. Dash water in face.
Carbolic Acid.	Flour and water, mucilaginous drinks.
Alkalies. POTASH. LYE. HARTSHORN. AMMONIA.	Vinegar or Lemon juice in water.
Arsenic. Rat Poison. Paris Green.	Milk, raw Eggs, Sweet Oil, Lime-water, Flour and water.
Bug Poison. Lead. Saltpetre. Corrosive Sublimate. Sugar of Lead. Blue Vitriol.	Whites of Eggs, or Milk in large doses.
Chloroform. Chloral. Ether.	Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum.
Carbonate of Soda. Copperas. Cobalt.	Soapsuds and mucilaginous drinks.
Iodine. Antimony. Tartar Emetic.	Starch and water. Astringent infusions. Strong tea.
Mercury AND ITS SALTS.	Whites of Eggs. Milk. Mucilages.
Nitrate of Silver. Lunar Caustic.	Salt and water.
Opium. Morphine. Laudanum. Paregoric. Soothing Powders or Syrups.	Strong coffee, hot bath. Keep awake and moving at any cost.
Strychnine. Tinct. of Nux Vomica.	Mustard and water. Sulphate of Zinc. Absolute quiet. Plug the ears.

LEGAL HOLIDAYS.

In most States when the holiday falls on Sunday the Monday following is observed.

Legal holidays in some States are observed as such only by common consent, or when appointed by the Governor, and not by legislative enactment.

ALABAMA—Jan. 1 and 19, Feb. 22, Mardi-Gras, Good Friday, April 13 and 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

ALASKA—Jan. 1, Feb. 22, July 4, Labor Day, Thanksgiving, Dec. 25.

ARIZONA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, election day, Thanksgiving, Dec. 25.

ARKANSAS—Jan. 1 and 19, Feb. 22, Arbor Day, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

CALIFORNIA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Labor Day, Sept. 9, Oct. 12, Thanksgiving, Dec. 25, gen. elec.

COLORADO—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Aug. 1, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. election.

CONNECTICUT—Jan. 1, Feb. 12 and 22, Good Friday, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksg'g, Dec. 25.

DELAWARE—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Mon. in Sept., Oct. 12, Thanksg'g, Dec. 25, election day.

DISTRICT OF COLUMBIA—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.

FLORIDA—Jan. 1 and 19, Arbor Day, Feb. 22, Good Friday, Apr. 26, June 3, July 4, 1st Mon. in Sept., Thanksg'g, Dec. 25, gen. elec.

GEORGIA—Jan. 1 and 19, Feb. 12 and 22, April 26, June 3, July 4, 1st Mon. in Sept., any Thanksgiving, 1st Friday in Dec., Dec. 25.

HAWAII—Jan. 1, Feb. 22, May 30, June 11, July 4, Labor Day, Regatta Day, Thanksgiving, Dec. 25.

IDAHO—Jan. 1, Feb. 22, Arbor Day, July 4, July 15, Labor Day, Oct. 12, any day of Thanksgiving, Dec. 25, general election.

ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in September, Oct. 12, Thanksgiving, Dec. 25, election days.

INDIANA—Jan. 1, Feb. 12 and 22, public fast, May 30, July 4, 1st Monday in September, Oct. 12, Thanksgiving, Dec. 25, gen. elec.

IOWA—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

KANSAS—Feb. 12 and 22, May 30, public fast, July 4, 1st Monday in September, Oct. 12, Thanksgiving, Dec. 25, general election.

KENTUCKY—Jan. 1, Feb. 22, May 30, July 4, public fast, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.

LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi-Gras in New Orleans, Good Friday, June 3, July 4, All Saints Day, Labor Day (Orleans Parish), Thanksgiving, Dec. 25, general election.

MAINE—Jan. 1, Feb. 22, Arbor Day, April 19, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

MARYLAND—Jan. 1, Feb. 22, Arbor Day, Good Friday, May 30, July 4, Labor Day, Sept. 12, Oct. 12, Thanksg'g, Dec. 25, gen. elec.

MASSACHUSETTS—Feb. 22, April 19, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25.

MICHIGAN—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Mon. in Sept., Oct. 12, Fasting and Thanksgiving Day, Dec. 25, elec. days.

MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, Arbor Day, general election.

MISSISSIPPI—Jan. 1, Feb. 22, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

MISSOURI—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, election days.

MONTANA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, public fast, July 4, 1st Mon. in Sept., Oct. 12, Thanksg'g, Dec. 25, gen. election.

NEBRASKA—Jan. 1, Feb. 22, April 22, Arbor Day, May 30, July 4, 1st Monday in September, public fast, Thanksgiving, Dec. 25.

NEVADA—Jan. 1, Feb. 12 and 22, May 30, July 4, Oct. 31, Thanksgiving, Dec. 25, general election.

NEW HAMPSHIRE—Jan. 1, Feb. 22, Fast Day, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, gen. election.

NEW JERSEY—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in September, Oct. 12, Thanksgiving, Dec. 25, every Saturday P. M., general election.

NEW MEXICO—Jan. 1, Arbor Day, Feb. 22, May 30, Flag Day, July 4, Thanksgiving, Dec. 25, general election.

NEW YORK—Jan. 1, Feb 12 and 22, May 30, July 4, 1st Monday in September, Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P. M.

NORTH CAROLINA—Jan. 1 and 19, Feb. 22, April 12, May 10 and 20, July 4, Labor Day, Thanksgiving, Dec. 25, election day.

NORTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, election last Thursday in June, July 4, Arbor Day, Thanksgiving, public fast, Dec. 25, general election.

OHIO—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, Oct. 12, Thanksgiving, Dec. 25, general election.

OKLAHOMA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Oct 12, Thanksgiving, Dec. 25, election day.

OREGON—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, public fast, Thanksgiving, Dec. 25, general election.

PENNSYLVANIA—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P. M.

PORTO RICO—Jan. 1, Feb. 22, Mar. 21, Mar. 22, May 30, July 25. Thanksgiving, Christmas.

RHODE ISLAND—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, 1st Monday in September, Oct. 12, Thanksgiving, Dec. 25, State election, general election, Flag Day.

SOUTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, gen. election.

SOUTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

TENNESSEE—Jan. 1, Feb. 22, Good Friday, 2d Friday in May, June 3, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election, every Saturday P. M.

TEXAS—Jan. 1, Feb. 22, Mar. 2, April 21, June 3, July 4, 1st Mon. in Sept., Oct. 12, Dec. 25, days of Fasting and Thanksg'g, elec. day.

UTAH—Jan. 1, Feb. 12 and 22, April 15, May 30, July 4, July 24, 1st Monday in September, Thanksgiving, Dec. 25.

VERMONT—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Aug. 16, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

VIRGINIA—Jan. 1 and 19, Feb. 22, May 30, July 4, 1st Mon. in Sept. Thanksgiving, Dec. 25, every Saturday P. M., gen. election.

WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, 1st Mon. in Sept., Oct. 12, Thanksgiving, Dec. 25, gen. election.

WEST VIRGINIA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Dec. 25, any day of National Thanksgiving, general election.

WISCONSIN—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, 1st Monday in Sept., election 1st Tuesday in Sept., Thanksgiving, Dec. 25, general election.

WYOMING—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, July 10, Labor Day, Thanksgiving, Dec. 25, general election.

RATE OF INCOME ON STOCKS.

Purchased at the following prices (par value being $100), and bearing interest at the following rates.

Paid	2%	3%	4%	5%	6%	7%	8%	10%
$50	4 00	6 00	8 00	10 00	12 00	14 00	16 00	20 00
52½	3 81	5 71	7 62	9 52	11 43	13 33	15 24	19 04
55	3 63	5 45	7 27	9 09	10 91	12 72	14 55	18 18
57½	3 48	5 22	6 96	8 70	10 43	12 17	13 91	17 40
60	3 33	5 00	6 67	8 33	10 00	11 67	13 33	16 66
62½	3 20	4 80	6 40	8 00	9 60	11 20	12 80	16 00
65	3 08	4 62	6 15	7 69	9 23	10 77	12 31	15 38
67½	2 96	4 44	5 93	7 41	8 89	10 37	11 85	14 82
70	2 86	4 29	5 71	7 14	8 57	10 00	11 43	14 28
72½	2 76	4 14	5 52	6 90	8 27	9 65	11 03	13 80
75	2 67	4 00	5 33	6 67	8 00	9 33	10 67	13 35
77½	2 58	3 87	5 16	6 45	7 74	9 03	10 32	12 90
80	2 50	3 75	5 00	6 25	7 50	8 75	10 00	12 50
82½	2 42	3 64	4 85	6 06	7 27	8 48	9 70	12 12
85	2 35	3 53	4 71	5 88	7 06	8 24	9 41	11 76
87½	2 29	3 43	4 57	5 71	6 86	8 00	9 14	11 42
90	2 22	3 33	4 44	5 56	6 67	7 78	8 89	11 11
92½	2 16	3 24	4 32	5 41	6 49	7 57	8 65	10 82
95	2 11	3 16	4 21	5 26	6 32	7 37	8 42	10 52
97½	2 05	3 08	4 10	5 13	6 15	7 18	8 21	10 26
100	2 00	3 00	4 00	5 00	6 00	7 00	8 00	10 00
102	1 96	2 94	3 92	4 90	5 88	6 86	7 84	9 80
104	1 92	2 88	3 85	4 81	5 77	6 73	7 69	9 62
106	1 88	2 83	3 77	4 72	5 66	6 60	7 55	9 44
108	1 85	2 78	3 70	4 63	5 56	6 48	7 41	9 26
110	1 82	2 73	3 64	4 55	5 45	6 36	7 27	9 10
115	1 74	2 61	3 48	4 35	5 22	6 09	6 96	8 69
120	1 67	2 50	3 33	4 17	5 00	5 83	6 67	8 33
125	1 60	2 40	3 20	4 00	4 80	5 60	6 40	8 00
130	1 54	2 31	3 08	3 85	4 62	5 38	6 15	7 70
135	1 48	2 22	2 96	3 70	4 44	5 19	5 93	7 40
140	1 43	2 14	2 86	3 57	4 29	5 00	5 71	7 14
145	1 38	2 07	2 76	3 45	4 14	4 83	5 52	6 90
150	1 33	2 00	2 67	3 33	4 00	4 67	5 33	6 66
155	1 29	1 94	2 58	3 23	3 87	4 52	5 16	6 46
160	1 25	1 87	2 50	3 12	3 75	4 37	5 00	6 25
165	1 21	1 82	2 42	3 03	3 64	4 24	4 85	6 06
170	1 18	1 76	2 35	2 94	3 53	4 12	4 71	5 88
175	1 14	1 71	2 29	2 86	3 43	4 00	4 57	5 72
180	1 11	1 67	2 22	2 78	3 33	3 89	4 44	5 55
185	1 08	1 62	2 16	2 70	3 24	3 78	4 32	5 40
190	1 05	1 58	2 11	2 63	3 16	3 68	4 21	5 26
195	1 03	1 54	2 05	2 56	3 08	3 59	4 10	5 12
200	1 00	1 50	2 00	2 50	3 00	3 50	4 00	5 00

BUSINESS LAW IN DAILY USE.

The following compilation of Business Law contains the essence of a large amount of legal verbiage:

A note by a minor is void.

It is a fraud to conceal a fraud.

A note made on Sunday is void.

Ignorance of the law excuses no one.

A contract made with a minor is void.

A contract made with a lunatic is void.

The acts of one partner bind all the rest.

Notes bear interest only when so stated.

An agreement without consideration is void.

A receipt for money is not always conclusive.

The law compels no one to do impossibilities.

Contracts made on Sunday cannot be enforced.

Signatures made with a lead pencil are good in law.

Principals are responsible for the acts of their agents.

No consideration is sufficient in law if it be illegal in its nature.

Checks or drafts must be presented for payment without unreasonable delay.

If the time of payment of a note is not inserted, it is held payable on demand.

A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

If the drawee of a check or draft has changed his residence, the holder must use due or reasonable diligence to find him.

A note indorsed in blank (the name of the indorser only written) is transferable by delivery, the same as if made payable to bearer.

Each individual in a partnership is responsible for the whole amount of the debts of the firm, except in cases of special partnership.

If a note is lost or stolen, it does not release the maker; he must pay it, if the consideration for which it was given and the amount can be proven.

Checks or drafts should be presented during business hours, but in this country, except in the case of banks, the time extends through the day and evening.

"Value received" is usually written in a note, and should be, but is not necessary. If not written it is presumed by the law, or may be supplied by proof.

If one who holds a check as payee or otherwise, transfers it to another, he has a right to insist that the check be presented that day, or, at farthest, on the day following.

The maker of an "accommodation" bill or note (one for which he has received no consideration, having lent his name or credit for the accommodation of the holder) is not bound to the person accommodated, but is bound to all other parties, precisely as if there was a good consideration.

VALUES OF FOREIGN COINS.

The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after January 1, 1913, expressed in any of such metallic currencies:

Country.	Standard.	Monetary Unit.	Value
			D. C M.
Argentine Rep.	Gold	Peso	0 96 5
Austria-Hungary	Gold	Crown	0 20 3
Belgium	Gold	Franc	0 19 3
Bolivia	Gold	Boliviano	0 38 9
Brazil	Gold	Milreis	0 54 6
Canada	Gold	Dollar	1 0 0
Costa Rica	Gold	Colon	0 46 5
Chili	Gold	Peso	0 36 5
China	Silver	Tael.. Shanghai.	0 69 2
		Tael.. Haikwan.. (Customs).	0 77 1
Colombia	Gold	Dollar	1 0 0
Denmark	Gold	Crown	0 26 8
Ecuador	Gold	Sucre	0 48 7
Egypt	Gold	Pound (100 piastres)	4 94 3
Finland	Gold	Mark	0 19 3
France	Gold	Franc	0 19 3
German Empire	Gold	Mark	0 23 8
Great Britain	Gold	Pound sterling	4 86 6½
Greece	Gold	Drachma	0 19 3
Hayti	Gold	Gourde	0 96 5
India (British)	Gold	Rupee	0 32 4½
Italy	Gold	Lira	0 19 3
Japan	Gold	Yen	0 49 8
Liberia	Gold	Dollar	1 0 0
Mexico	Gold	Peso	0 49 8
Netherlands	Gold	Florin	0 40 2
Newfoundland	Gold	Dollar	1 1 4
Norway	Gold	Crown	0 26 8
Panama	Gold	Balboa	1 0 0
Persia	Gold	Kran	0 17 04
Peru	Gold	Libra	4 86 6½
Philippine Islds.	Gold	Peso	0 50 0
Portugal	Gold	Milreis	1 8 0
Russia	Gold	Ruble	0 51 5
Spain	Gold	Peseta	0 19 3
Sweden	Gold	Crown	0 26 8
Switzerland	Gold	Franc	0 19 3
Turkey	Gold	Piaster	0 4 4
Uruguay	Gold	Peso	1 3 4
Venezuela	Gold	Bolivar	0 19 3

U.S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU.

INTERPRETATION OF SIGNALS.

No. 1.	No. 2.	No. 3.	No. 4.	No. 5.
White Flag	Blue Flag	White and Blue Flag	Black Triangular Flag	White Flag Black Center
Clear or Fair.	Rain or Snow.	Local Rain or Snow.	Temperature.	Cold Wave.

No. 1, alone, indicates fair weather, stationary temperature.
No. 2, alone, indicates rain or snow, stationary temperature.
No. 3, alone, indicates local rain or snow, stationary temperature.
No. 1 with No. 4 above it, indicates fair weather, warmer.
No. 1 with No. 4 below it, indicates fair weather, colder.
No. 2 with No. 4 above it, indicates rain or snow, warmer.
No. 2 with No. 4 below it, indicates rain or snow, colder.
No. 3 with No. 4 above it, indicates local rain or snow, warmer.
No. 3 with No. 4 below it, indicates local rain or snow, colder.

DISPLAY EXAMPLES.

TO FIND THE LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

STANDARD TIME.

In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in STANDARD TIME.

To change to STANDARD TIME add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Standard Time Divisions as adopted by the Railroads.

EASTERN STANDARD—75th Meridian. Canada, between Quebec and Detroit,—U. S. east of Buffalo, N. Y.; Pittsburg, Pa.; Wheeling and Huntington, W. Va.; Bristol, Tenn.; Charlotte, N. C., and Augusta, Ga.

CENTRAL STANDARD—90th Meridian. West from "Eastern" limits, as above, to Broadview, Canada; to the Missouri River in Dakota; North Platte and McCook, Nebraska; Wallace and Dodge City, Kansas; Toyah and Sanderson, Texas.

MOUNTAIN STANDARD—105th Meridian. West from "Central" limits to Heron, Montana; Ogden, Utah; Needles and Yuma, Arizona.

PACIFIC STANDARD—120th Meridian. West from "Mountain" limits to coast.

Correction for the following Cities.

Eastern Standard. 75° Longitude.	Minutes.
Bangor, Me.	— 25
Augusta, Me.	— 21
Portland, Me.	— 19
Boston, Mass.	— 16
Newport, R. I.	— 15
Providence, R. I.	— 14
Concord, N. H.	— 14
New London, Conn.	— 11
Springfield, Mass	— 10
Montpelier, Vt.	— 10
Hartford, Conn	— 9
Montreal, Que.	— 6
Albany, N. Y.	— 5
New York, N. Y.	— 4
Utica, N. Y.	+ 1
Philadelphia, Pa.	+ 1
Syracuse, N. Y.	+ 5
Baltimore, Md.	+ 6
Washington, D. C.	+ 8
Rochester, N. Y.	+ 11
Buffalo, N. Y.	+ 16
Pittsburg, Pa	+ 26

Central Standard. 90° Longitude.	Minutes.
Cleveland, Ohio	— 33
Columbus, Ohio	— 28
Detroit, Mich	— 28
Toledo, Ohio	— 26
Dayton, Ohio	— 23
Cincinnati, Ohio	— 22
Louisville, Ky	— 18
Indianapolis, Ind	— 16
Chicago, Ill.	— 10
Milwaukee, Wis	— 8
Springfield, Ill.	— 2
Memphis, Tenn.	0
New Orleans, La.	0
St. Louis, Mo.	+ 1
Rock Island, Ill.	+ 3
Dubuque, Iowa	+ 3
Burlington, Iowa	+ 5
St. Paul, Minn.	+ 12
Des Moines, Iowa	+ 14
Kansas City, Mo.	+ 18
Galveston, Texas	+ 19
Omaha, Neb.	+ 24

Mountain Standard. 105° Longitude.	
Denver, Col.	0
Salt Lake City, Utah	+ 28

Pacific Standard. 120° Longitude.	
Sacramento, Cal.	+ 6
San Francisco, Cal.	+ 10

TIDE TABLE.

To Find High Water (Standard Time) Add to, or Subtract from, High Water at New York.

EASTERN STANDARD.		H.	M.	Mean Range. Feet.
Eastport, Me.	add	2	37	18.2
Bar Harbor, Me.	"	2	31	10.5
Rockland, Me.	"	2	44	9.7
Portland, Me.	"	2	52	8.9
Portsmouth, N. H.	"	3	6	9.2
Isle of Shoals, N. H.	"	3	1	8.7
Newburyport, Mass.	"	3	6	7.9
Rockport, Mass	"	2	39	8.6
Gloucester, Mass.	"	2	45	8.9
Salem, Mass.	"	3	0	9.0
Marblehead, Mass.	"	2	52	9.2
Nahant, Mass.	"	2	53	9.3
Hull, Mass	"	2	53	9.5
Plymouth, Mass.	"	3	2	9.6
Provincetown, Mass.	"	3	10	9.2
Nantucket, Mass.	"	4	9	3.1
Vineyard Haven, Mass.	"	3	25	1.7
Wood's Hole, North Side, Mass.	sub.	0	18	4.1
Wood's Hole, South Side, Mass.	add	0	19	1.7
New Bedford Entrance (Dumpling Rock), Mass.	sub.	0	17	3.8
Newport, R. I.	"	0	31	3.5
Bristol, R. I.	"	0	13	4.1
Providence, R. I	"	0	2	4.4
Point Judith, R. I.	"	0	42	3.1
New Shoreham, Block Island, R. I.	"	0	41	3.0
New London, Conn.	add	1	14	2.5
Norwich, Conn.	"	1	55	3.1
New Haven, Conn.	"	3	0	6.0
Montauk Point, L. I.	"	0	7	2.0
Coney Island, L. I.	sub.	0	29	4.7
West Point, N. Y.	add	3	2	2.8
Long Branch, N. J.	sub	0	43	4.3
Cape May City, N. J.	"	0	10	4.6
League Island, Pa.	add	5	26	5.4
Philadelphia, Pa.	"	5	56	5.3
Annapolis, Md.	sub.	3	12	0.9
Baltimore, Md.	"	1	20	1.2
Richmond, Va.	"	3	32	3.7
Hatteras Inlet, N. C.	"	0	53	2.0
Charleston (C. H. Wharf), S. C.	"	0	15	5.2
CENTRAL STANDARD.				
Fort Pulaski (Savannah Ent.), Ga.	sub.	1	18	6.9
Savannah (Dry Dock Wharf), Ga.	"	0	23	6.5
Jacksonville, Fla.	add	0	19	1.0
St. Augustine, Fla.	sub.	0	14	4.2
Key West, Fla.	add	0	47	1.2
Tampa Bay (Egmont Key), Fla.	"	3	3	1.4
Cedar Keys (Depot Key), Fla.	"	4	39	2.4

FESTIVALS AND FACTS.

Epiphany	Jan. 6
Septuagesima Sunday	Feb. 8
Quinquagesima—Shrove Sunday	Feb. 22
Ash Wednesday	Feb. 25
First Sunday in Lent	Mar. 1
St. Patrick	Mar. 17
Palm Sunday	April 5
Good Friday	April 10
Easter Sunday	April 12
Low Sunday	April 19
Rogation Sunday	May 17
Ascension Day—Holy Thursday	May 21
Pentecost—Whit Sunday	May 31
Trinity Sunday	June 7
Corpus Christi	June 11
St. John Baptist	June 24
Michaelmas Day	Sept. 29
First Sunday in Advent	Nov. 29
St. Andrew	Nov. 30
Christmas Day	Dec. 25

CHRONOLOGICAL CYCLES.

Dominical Letter	D
Epact	3
Lunar Cycle, or Golden Number	15
Solar Cycle	19
Roman Indiction	12
Julian Period	6627

THE SEASONS.

	Eastern Standard.		Central Standard.	
Vernal Equinox	Mar. 21,	6h. M.	Mar. 21,	5h. M.
Summer Solstice	June 22,	1h. M.	June 22,	oh. M.
Autumnal Equinox	Sept. 23,	4h. A.	Sept. 23,	3h. A.
Winter Solstice	Dec. 22,	11h. M.	Dec. 22,	10h. M.
	Mountain Standard.		Pacific Standard.	
Vernal Equinox	Mar. 21,	4h. M.	Mar. 21,	3h. M.
Summer Solstice	June 21,	11h. A.	June 21,	10h. A.
Autumnal Equinox	Sept. 23,	2h. A.	Sept. 23,	1h. A.
Winter Solstice	Dec. 22,	9h. M.	Dec. 22,	8h. M.

MORNING STARS.

MERCURY.—About April 7, August 5, and November 23.
VENUS.—Till February 11, and from November 27 to the end of year.
JUPITER.—January 20 to August 10.

EVENING STARS.

MERCURY.—About February 22, June 19 and October 15.
VENUS.—From February 11 to November 27.
JUPITER.—Till January 20, August 10 to end of year.

ECLIPSES FOR THE YEAR.

In the year 1914 there will be four Eclipses, two of the Sun and two of the Moon; and a Transit of Mercury over the Sun's Disk.

I. AN ANNULAR ECLIPSE OF THE SUN, February 24-25. Invisible. Visible to the South Pacific Ocean and the regions around the South Pole.

II. A PARTIAL ECLIPSE OF THE MOON, March 11-12. Visible generally to North and South America, and in part to Europe and Africa. Occurring as follows:

Standard	Eastern	Central	Mountain	Pacific
	d. h. m.	d. h. m.	d. h. m.	d. h. m.
Moon enters Penumbra	11 8 41 A.	11 7 41 A.	11 6 41 A.	11 5 41 A.
Moon enters shadow	11 9 42 A.	11 8 42 A.	11 7 42 A.	11 6 42 A.
Middle of eclipse	11 11 13 A.	11 10 13 A.	11 9 13 A.	11 8 13 A.
Moon leaves shadow	12 0 44 M.	11 11 44 A.	11 10 44 A.	11 9 44 A.
Moon leaves Penumbra	12 1 45 M.	12 0 45 M.	11 11 45 A.	11 10 45 A.

First contact of shadow, 88 degrees from the north point of the Moon's limb toward the east.
Magnitude of eclipse, 0.916 (Moon's diameter, 1.0).

III. A TOTAL ECLIPSE OF THE SUN, August 21. Visible as a small partial eclipse to the northeastern portion of North America as far south as Washington; also visible to Europe, northern Africa and the western half of Asia. Occurring as follows:

	Standard	Begins	Ends
		h. m.	h. m.
Boston	Eastern	5 27 M.	6 12 M.
New York	"	5 31 M.	6 3 M.
Philadelphia	"	5 33 M.	6 0 M.
Washington	"	5 37 M.	5 53 M.
Pittsburg	"	Before sunrise	6 8 M.
Cincinnati	Central	Middle before sunrise	5 5 M.
Chicago	"	" " "	5 19 M.
St. Paul	"	" " "	5 30 M.

IV. A PARTIAL ECLIPSE OF THE MOON, September 4. Visible to Australia and the greater part of Asia, and in part to the western portions of North America and the eastern portions of Africa. Occurring as follows:

Standard	Mountain	Pacific
	h. m.	h. m.
Moon enters Penumbra	4 1 M.	3 1 M.
Moon enters shadow	5 16 M.	4 16 M.

First contact of shadow, 91 degrees from the north point of the Moon's limb toward the east.

A TRANSIT OF MERCURY, November 7. Partly visible to the United States, the Sun rising with Mercury on its disk. The ingress will be visible to South America, except the northwest portion; Asia, except the extreme eastern part; western Australia, Europe and Africa; the egress in southwest Europe, Africa, South America and North America, except the northwestern portion.

Angle of contact at egress, 75 degrees from the south point of the Sun's limb toward the west.

The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

	Miles Long
Mediterranean	2,000
Carribbean	1,800
Red	1,400
Black	932
Baltic	600

AREA OF OCEANS IN SQUARE MILES.

Pacific	70,000,000
Atlantic	35,000,000
Indian	23,000,000
Southern	7,000,000
Arctic	4,000,000

SIZE OF THE GREAT LAKES.

	Miles Long.	Miles Wide.
Superior	380	120
Michigan	330	60
Ontario	170	40
Champlain	123	12
Erie	270	50
Huron	230	90
Winnipeg	240	40
Athabaska	200	20

JANUARY

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	4d. 8h. 9m. A.M.	4d. 7h. 9m. A.M.
Full Moon	12d. 0h. 9m. A.M.	11d. 11h. 9m. P.M.
Last Quarter	18d. 7h. 30m. P.M.	18d. 6h. 30m. P.M.
New Moon	26d. 1h. 34m. A.M.	26d. 0h. 34m. A.M.

1914		LATITUDE OF BOSTON AND CHICAGO.			LATITUDE OF NEW YORK AND PHILADELPHIA.			LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide.	Local Mean Time.		N. Y. Tide.	Local Mean Time.	
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Stand. Time. Morning.	Sun R.&S.	Moon R.&S.	Stand. Time. Morning.	Sun R.&S.	Moon R.&S.
1	Th.	r 7 30	9 57	2 24	r 7 24	9 58	11 38	r 7 19	10 1
2	Fr.	s 4 39	10 59	3 2	s 4 44	10 59	.....	s 4 49	11 0
3	Sa.	r 7 30	11 59	3 41	r 7 25	11 58	0 40	r 7 19	11 58
4	S	s 4 40	morn	4 22	s 4 45	morn	1 21	s 4 51	morn
5	Mo.	r 7 30	1 0	5 8	r 7 25	0 58	2 6	r 7 19	0 56
6	Tu.	s 4 42	2 4	5 57	s 4 47	2 0	2 55	s 4 52	1 57
7	We.	r 7 30	3 10	6 51	r 7 25	3 5	3 48	r 7 19	3 0
8	Th.	s 4 44	4 18	7 49	s 4 49	4 12	4 45	s 4 54	4 6
9	Fr.	r 7 29	5 26	8 47	r 7 25	5 19	5 44	r 7 19	5 12
10	Sa.	s 4 46	6 29	9 45	s 4 51	6 22	6 43	s 4 56	6 14
11	S	r 7 29	rises.	10 42	r 7 24	rises.	7 37	r 7 19	rises.
12	Mo.	s 4 48	5 17	11 31	s 4 53	5 23	8 26	s 4 58	5 29
13	Tu.	r 7 28	6 36	.....	r 7 24	6 40	9 18	r 7 18	6 45
14	We.	s 4 50	7 54	0 44	s 4 55	7 57	10 5	s 5 0	8 0
15	Th.	r 7 28	9 11	1 30	r 7 23	9 12	10 47	r 7 18	9 14
16	Fr.	s 4 53	10 27	2 14	s 4 58	10 27	11 33	s 5 2	10 27
17	Sa.	r 7 27	11 42	3 0	r 7 22	11 40	.....	r 7 17	11 39
18	S	s 4 55	morn	3 48	s 5 0	morn	0 46	s 5 5	morn
19	Mo.	r 7 25	0 57	4 41	r 7 21	0 54	1 39	r 7 16	0 51
20	Tu.	s 4 58	2 13	5 41	s 5 2	2 8	2 39	s 5 7	2 3
21	We.	r 7 24	3 28	6 48	r 7 20	3 22	3 45	r 7 15	3 16
22	Th.	s 5 0	4 40	7 56	s 5 4	4 33	4 53	s 5 9	4 26
23	Fr.	r 7 23	5 45	9 0	r 7 19	5 38	5 58	r 7 14	5 30
24	Sa.	s 5 3	6 37	9 58	s 5 7	6 30	6 56	s 5 11	6 23
25	S	r 7 21	sets	10 49	r 7 17	sets.	7 45	r 7 13	sets
26	Mo.	s 5 5	5 32	11 33	s 5 9	5 36	8 29	s 5 13	5 42
27	Tu.	r 7 20	6 30	.....	r 7 16	6 42	9 11	r 7 12	6 46
28	We.	s 5 8	7 44	0 33	s 5 12	7 46	9 49	s 5 16	7 49
29	Th.	r 7 18	8 46	1 9	r 7 14	8 47	10 24	r 7 10	8 48
30	Fr.	s 5 10	9 47	1 45	s 5 14	9 46	10 57	s 5 18	9 47
31	Sa.	r 7 17	10 48	2 20	r 7 12	10 46	11 33	r 7 8	10 45

FEBRUARY

MOON'S PHASES. (In Standard T.me).	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter.....	3d. 5h. 33m. A.M.	3d. 4h. 33m. A.M.
Full Moon	10d. oh. 35m. P.M.	10d. 11h. 35m. A.M.
Last Quarter.....	17d. 4h. 23m. A.M.	17d. 3h. 23m. A.M.
New Moon.....	24d. 7h. 2m. P.M.	24d. 6h. 2m. P.M.

1914		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.
1	S	r7 15	11 50	2 56		r7 11	11 47	.....		r7 8	11 44
2	Mo.	s5 14	morn	3 35		s5 18	morn	0 34		s5 22	morn
3	Tu.	r7 13	0 54	4 20		r7 10	0 50	1 19		r7 6	0 45
4	We.	s5 17	2 0	5 13		s5 20	1 54	2 11		s5 24	1 49
5	Th.	r7 11	3 7	6 11		r7 7	3 0	3 9		r7 4	2 54
6	Fr.	s5 19	4 12	7 17		s5 23	4 5	4 14		s5 26	3 57
7	Sa.	r7 9	5 10	8 24		r7 5	5 3	5 21		r7 2	4 55
8	S	s5 22	5 59	9 26		s5 25	5 53	6 24		s5 28	5 46
9	Mo.	r7 6	6 41	10 23		r7 3	6 36	7 20		r7 0	6 30
10	Tu.	s5 25	rises.	11 13		s5 28	rises.	8 7		s5 31	rises.
11	We.	r7 4	6 49	11 59		r7 1	6 51	8 57		r6 58	6 54
12	Th.	s5 27	8 8	0 21		s5 30	8 8	9 40		s5 33	8 9
13	Fr.	r7 1	9 26	1 4		r6 58	9 25	10 23		r6 55	9 24
14	Sa.	s5 30	10 45	1 48		s5 32	10 42	11 5		s5 35	10 40
15	S	r6 58	morn	2 34		r6 56	morn	11 55		r6 53	11 55
16	Mo.	s5 32	0 4	3 24		s5 35	0 0	0 22		s5 38	morn
17	Tu.	r6 56	1 21	4 19		r6 53	1 15	1 18		r6 50	1 9
18	We.	s5 35	2 34	5 25		s5 37	2 27	2 24		s5 40	2 20
19	Th.	r6 53	3 40	6 36		r6 50	3 33	3 34		r6 48	3 25
20	Fr.	s5 37	4 35	7 46		s5 40	4 28	4 42		s5 42	4 20
21	Sa.	r6 50	5 19	8 48		r6 48	5 13	5 45		r6 45	5 6
22	S	s5 40	5 53	9 41		s5 42	5 48	6 39		s5 44	5 42
23	Mo.	r6 47	6 20	10 27		r6 45	6 16	7 24		r6 43	6 13
24	Tu.	s5 43	sets.	11 6		s5 45	sets.	8 1		s5 46	sets.
25	We.	r6 44	6 35	11 42		r6 42	6 36	8 38		r6 40	6 38
26	Th.	s5 45	7 36	.....		s5 47	7 36	9 14		s5 49	7 37
27	Fr.	r6 41	8 38	0 32		r6 39	8 36	9 47		r6 37	8 36
28	Sa.	s5 47	9 40	1 6		s5 49	9 37	10 20		s5 51	9 36
..	.....	.....	.....	.....		.....	.....	.....		.....	.....
..	.....	.....	.....	.....		.....	.....	.....		.....	.....
..	.....	.....	.....	.....		.....	.....	.....		.....	.....

MARCH

MOON'S PHASES. (In Standard Time).	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter.....	5d. oh. 3m. A.M.	4d. 11h. 3m. P.M.
Full Moon	11d. 11h. 18m. P.M.	11d. 10h. 18m. P.M.
Last Quarter.....	18d. 2h. 39m. P.M.	18d. 1h. 39m. P.M.
New Moon.....	26d. 1h. 9m. P.M.	26d. oh. 9m. P.M.

1914		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.
1	S	r6 38	10 43	1 41		r6 36	10 39	10 54		r6 34	10 36
2	Mo.	s5 50	11 47	2 18		s5 51	11 42	11 33		s5 53	11 37
3	Tu.	r6 34	morn	2 58		r6 33	morn	.....		r6 31	morn
4	We.	s5 52	0 52	3 44		s5 54	0 46	0 43		s5 55	0 39
5	Th.	r6 31	1 56	4 40		r6 30	1 49	1 39		r6 29	1 41
6	Fr.	s5 55	2 56	5 45		s5 56	2 48	2 43		s5 57	2 41
7	Sa	r6 28	3 49	6 54		r6 27	3 42	3 51		r6 26	3 35
8	S	s5 57	4 33	8 3		s5 58	4 27	4 59		s5 59	4 21
9	Mo.	r6 24	5 9	9 4		r6 24	5 4	6 2		r6 23	4 59
10	Tu.	s5 59	5 38	9 59		s6 0	5 35	6 57		s6 1	5 32
11	We.	r6 21	rises.	10 48		r6 20	rises.	7 43		r6 20	rises.
12	Th.	s6 2	7 0	11 31		s6 2	6 59	8 26		s6 3	7 0
13	Fr.	r6 18	8 21	.....		r6 17	8 19	9 13		r6 16	8 18
14	Sa.	s6 4	9 43	0 37		s6 5	9 39	9 57		s6 5	9 36
15	S	r6 14	11 3	1 23		r6 14	10 58	10 42		r6 13	10 52
16	Mo.	s6 6	morn	2 12		s6 7	morn	11 34		s6 7	morn
17	Tu.	r6 11	0 21	3 6		r6 11	0 15	0 3		r6 10	0 8
18	We.	s6 9	1 32	4 7		s6 9	1 25	1 6		s6 9	1 17
19	Th.	r6 7	2 31	5 15		r6 7	2 24	2 14		r6 7	2 16
20	Fr.	s6 11	3 18	6 24		s6 11	3 11	3 21		s6 11	3 4
21	Sa.	r6 4	3 55	7 28		r6 4	3 49	4 25		r6 4	3 43
22	S	s6 13	4 24	8 25		s6 13	4 19	5 21		s6 13	4 15
23	Mo.	r6 0	4 48	9 13		r6 1	4 45	6 11		r6 1	4 42
24	Tu.	s6 15	5 9	9 55		s6 15	5 7	6 53		s6 15	5 6
25	We.	r5 57	5 26	10 33		r5 57	5 25	7 29		r5 58	5 25
26	Th.	s6 18	sets	11 7		s6 17	sets.	8 1		s6 17	sets.
27	Fr.	r5 53	7 31	11 39		r5 54	7 29	8 35		r5 54	7 27
28	Sa.	s6 20	8 34	.....		s6 19	8 30	9 11		s6 19	8 27
29	S	r5 50	9 38	0 30		r5 51	9 33	9 47		r5 51	9 28
30	Mo.	s6 22	10 43	1 8		s6 21	10 37	10 24		s6 20	10 31
31	Tu.	r5 46	11 47	1 48		r5 47	11 40	11 4		r5 48	11 33

APRIL

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter.....	3d. 2h. 41m. P.M.	3d. 1h. 41m. P.M.
Full Moon.....	10d. 8h. 28m. A.M.	10d. 7h. 28m. A.M.
Last Quarter.....	17d. 2h. 52m. A.M.	17d. 1h. 52m. A.M.
New Moon.....	25d. 6h. 22m. A.M.	25d. 5h. 22m. A.M.

1914		LATITUDE OF BOSTON AND CHICAGO.			LATITUDE OF NEW YORK AND PHILADELPHIA.			LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide.	Local Mean Time.		N. Y. Tide.	Local Mean Time.	
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Stand. Time. Morning.	Sun R.&S.	Moon R.&S.	Stand. Time. Morning.	Sun R.&S.	Moon R.&S.
1	We.	r5 45	morn	2 32	r5 45	morn	11 53	r5 47	morn
2	Th.	s6 26	0 48	3 22	s6 24	0 41	0 20	s6 23	0 33
3	Fr.	r5 41	1 42	4 20	r5 42	1 35	1 19	r5 44	1 27
4	Sa.	s6 28	2 27	5 25	s6 27	2 21	2 23	s6 25	2 14
5	♒	r5 38	3 5	6 31	r5 39	3 0	3 29	r5 40	2 54
6	Mo.	s6 30	3 36	7 36	s6 29	3 32	4 32	s6 27	3 28
7	Tu.	r5 34	4 2	8 36	r5 36	3 59	5 34	r5 37	3 58
8	We.	s6 32	4 26	9 29	s6 31	4 25	6 27	s6 29	4 25
9	Th.	r5 31	4 49	10 17	r5 32	4 50	7 14	r5 34	4 51
10	Fr.	s6 34	rises.	11 4	s6 33	rises	7 57	s6 31	rises.
11	Sa.	r5 28	8 34	11 49	r5 29	8 29	8 46	r5 31	8 25
12	♓	s6 37	9 57	0 13	s6 35	9 51	9 36	s6 33	9 45
13	Mo.	r5 24	11 15	1 4	r5 26	11 8	10 26	r5 28	11 1
14	Tu.	s6 39	morn	1 58	s6 37	morn	11 20	s6 35	morn
15	We.	r5 21	0 22	2 55	r5 23	0 15	.....	r5 25	0 7
16	Th.	s6 41	1 15	3 54	s6 39	1 8	0 53	s6 37	1 1
17	Fr.	r5 18	1 56	4 56	r5 20	1 50	1 55	r5 22	1 44
18	Sa.	s6 44	2 28	5 59	s6 41	2 23	2 56	s6 39	2 18
19	♈	r5 15	2 54	6 57	r5 17	2 50	3 51	r5 19	2 47
20	Mo.	s6 46	3 15	7 48	s6 43	3 13	4 44	s6 41	3 11
21	Tu.	r5 12	3 32	8 34	r5 14	3 31	5 30	r5 17	3 31
22	We.	s6 48	3 50	9 15	s6 45	3 50	6 12	s6 43	3 51
23	Th.	r5 8	4 9	9 53	r5 11	4 10	6 51	r5 14	4 13
24	Fr.	s6 50	4 27	10 30	s6 47	4 29	7 26	s6 44	4 33
25	Sa.	r5 5	sets.	11 6	r5 8	sets.	8 1	r5 11	sets.
26	♉	s6 52	8 34	11 43	s6 49	8 29	8 39	s6 46	8 23
27	Mo.	r5 2	9 39	0 2	r5 5	9 0 33	9 20	r5 9	9 26
28	Tu.	s6 54	10 40	0 43	s6 51	10 33	10 2	s6 48	10 25
29	We.	r5 0	11 36	1 28	r5 3	11 29	10 47	r5 6	11 21
30	Th.	s6 57	morn	2 17	s6 53	morn	11 37	s6 50	morn
..	.....	.....	.....	.....	.....	.....	.....	.....	.....

MAY

MOON'S PHASES. (In Standard Time).	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter.....	3d. 1h. 29m. A.M.	3d. 0h. 29m. A.M.
Full Moon.....	9d. 4h. 31m. P.M.	9d. 3h. 31m. P.M.
Last Quarter.....	16d. 5h. 12m. P.M.	16d. 4h. 12m. P.M.
New Moon.....	24d. 9h. 35m. P.M.	24d. 8h. 35m. P.M.

1914		LATITUDE OF BOSTON AND CHICAGO.			LATITUDE OF NEW YORK AND PHILADELPHIA.			LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide.	Local Mean Time.		N. Y. Tide.	Local Mean Time.	
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Stand. Time. Morning.	Sun R.&S.	Moon R.&S.	Stand. Time. Morning.	Sun R.&S.	Moon R.&S.
1	Fr.	r4 57	0 24	3 7	r5 0	0 17	0 5	r5 4	0 10
2	Sa.	s6 59	1 4	4 3	s6 55	0 58	1 2	s6 52	0 52
3	♋	r4 54	1 36	5 3	r4 58	1 31	2 1	r5 1	1 27
4	Mo.	s7 1	2 3	6 4	s6 58	2 0	3 2	s6 54	1 58
5	Tu.	r4 51	2 27	7 4	r4 55	2 25	4 1	r4 59	2 25
6	We.	s7 3	2 50	8 1	s7 0	2 50	4 58	s6 56	2 51
7	Th.	r4 49	3 13	8 56	r4 53	3 14	5 53	r4 57	3 17
8	Fr.	s7 6	3 39	9 47	s7 2	3 42	6 45	s6 58	3 46
9	Sa	r4 46	rises.	10 41	r4 50	rises.	7 36	r4 54	rises.
10	♌	s7 8	8 47	11 30	s7 4	8 41	8 25	s7 0	8 34
11	Mo.	r4 44	10 1	.....	r4 48	9 54	9 21	r4 52	9 46
12	Tu.	s7 10	11 3	0 50	s7 6	10 56	10 15	s7 1	10 48
13	We.	r4 42	11 50	1 46	r4 46	11 44	11 7	r4 50	11 37
14	Th.	s7 12	morn	2 40	s7 8	morn	.....	s7 3	morn
15	Fr.	r4 40	0 26	3 33	r4 44	0 21	0 32	r4 48	0 15
16	Sa.	s7 14	0 55	4 27	s7 10	0 51	1 26	s7 5	0 47
17	♍	r4 38	1 18	5 19	r4 42	1 15	2 18	r4 47	1 13
18	Mo.	s7 16	1 38	6 10	s7 12	1 36	3 8	s7 7	1 36
19	Tu.	r4 36	1 56	6 59	r4 40	1 56	3 56	r4 45	1 56
20	We.	s7 18	2 14	7 45	s7 14	2 15	4 42	s7 9	2 16
21	Th.	r4 34	2 32	8 29	r4 38	2 34	5 26	r4 43	2 37
22	Fr.	s7 20	2 52	9 12	s7 15	2 55	6 10	s7 10	3 0
23	Sa.	r4 32	3 15	9 54	r4 37	3 19	6 52	r4 42	3 25
24	♎	s7 22	3 43	10 37	s7 17	3 49	7 33	s7 12	3 55
25	Mo.	r4 30	sets	11 20	r4 35	sets.	8 16	r4 41	sets.
26	Tu.	s7 24	9 32	.....	s7 19	9 25	9 2	s7 14	9 17
27	We.	r4 29	10 22	0 27	r4 34	10 15	9 48	r4 39	10 8
28	Th.	s7 26	11 4	1 15	s7 21	10 58	10 35	s7 15	10 52
29	Fr.	r4 28	11 38	2 4	r4 33	11 33	11 23	r4 38	11 28
30	Sa.	s7 27	morn	2 52	s7 22	morn	.....	s7 17	11 59
31	♏	r4 27	0 6	3 42	r4 32	0 2	0 41	r4 37	morn

JUNE

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter.....	1d. 9h. 3m. A.M.	1d. 8h. 3m. A.M.
Full Moon.....	8d. 0h. 18m. A.M.	7d. 11h. 18m. P.M.
Last Quarter.....	15d. 9h. 20m. A.M.	15d. 8h. 20m. A.M.
New Moon.....	23d 10h. 33m. A.M.	23d. 9h. 33m. A.M.
First Quarter.....	30d. 2h. 24m. P.M.	30d. 1h. 24m. P.M.

1914		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.
1	Mo.	r4 26	0 30	4 35		r4 31	0 28	1 34		r4 37	0 27
2	Tu.	s7 30	0 53	5 31		s7 24	0 52	2 29		s7 19	0 52
3	We.	r4 25	1 15	6 29		r4 30	1 16	3 26		r4 36	1 17
4	Th.	s7 31	1 38	7 28		s7 26	1 40	4 25		s7 20	1 43
5	Fr.	r4 24	2 5	8 28		r4 30	2 9	5 24		r4 35	2 13
6	Sa.	s7 33	2 37	9 26		s7 27	2 42	6 24		s7 22	2 48
7	☉	r4 24	3 17	10 24		r4 29	3 23	7 21		r4 35	3 31
8	Mo.	s7 34	rises.	11 19		s7 28	rises.	8 13		s7 23	rises.
9	Tu.	r4 23	9 40	.....		r4 29	9 33	9 11		r4 34	9 26
10	We.	s7 35	10 23	0 39		s7 30	10 17	10 3		s7 24	10 11
11	Th.	r4 22	10 55	1 30		r4 28	10 50	10 49		r4 34	10 46
12	Fr.	s7 36	11 20	2 17		s7 31	11 17	11 36		s7 25	11 14
13	Sa.	r4 22	11 41	3 2		r4 28	11 39	.....		r4 34	11 38
14	☉	s7 37	morn	3 46		s7 32	11 59	0 45		s7 26	11 59
15	Mo.	r4 22	0 0	4 31		r4 28	morn	1 30		r4 34	morn
16	Tu.	s7 38	0 18	5 16		s7 32	0 18	2 15		s7 27	0 20
17	We.	r4 22	0 36	6 4		r4 28	0 38	3 2		r4 34	0 40
18	Th.	s7 39	0 56	6 53		s7 33	0 59	3 51		s7 27	1 3
19	Fr.	r4 22	1 18	7 43		r4 28	1 22	4 40		r4 34	1 27
20	Sa.	s7 39	1 44	8 33		s7 34	1 49	5 30		s7 28	1 56
21	☉	r4 23	2 17	9 23		r4 28	2 23	6 22		r4 34	2 30
22	Mo.	s7 40	2 58	10 15		s7 34	3 5	7 11		s7 28	3 13
23	Tu.	r4 23	sets.	11 4		r4 29	sets.	7 58		r4 35	sets.
24	We.	s7 40	9 3	11 51		s7 35	8 57	8 47		s7 29	8 50
25	Th.	r4 24	9 39	0 14		r4 29	9 34	9 36		r4 35	9 28
26	Fr.	s7 40	10 9	1 1		s7 35	10 5	10 21		s7 29	10 1
27	Sa.	r4 24	10 35	1 47		r4 30	10 32	11 4		r4 36	10 31
28	☉	s7 40	10 58	2 32		s7 35	10 57	11 51		s7 29	10 57
29	Mo.	r4 25	11 19	3 17		r4 31	11 19	0 15		r4 36	11 21
30	Tu.	s7 40	11 41	4 4		s7 35	11 43	1 3		s7 29	11 45
..	.....	.....	.....	.....		.....	.....	.....		.....	.....

JULY

MOON'S PHASES. (In Standard Time).	EASTERN DIVISION.	CENTRAL DIVISION.
Full Moon.....	7d. 9h. 0m. A.M.	7d. 8h. 0m. A.M.
Last Quarter.....	15d. 2h. 32m. A.M.	15d. 1h. 32m. A.M.
New Moon.....	22d. 9h. 38m. P.M.	22d. 8h. 38m. P.M.
First Quarter.....	29d. 6h. 51m. P.M.	29d. 5h. 51m. P.M.

1914		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.
1	We.	r4 26	morn	4 58		r4 32	morn	1 56		r4 37	morn
2	Th.	s7 40	0 5	5 57		s7 35	0 8	2 55		s7 29	0 12
3	Fr.	r4 27	0 35	7 2		r4 33	0 40	3 59		r4 38	0 45
4	Sa.	s7 40	1 12	8 8		s7 34	1 18	5 5		s7 29	1 25
5	☉	r4 28	1 58	9 12		r4 34	2 5	6 10		r4 39	2 13
6	Mo.	s7 39	2 56	10 15		s7 34	3 3	7 12		s7 28	3 12
7	Tu.	r4 29	rises.	11 10		r4 35	rises.	8 3		r4 40	rises.
8	We.	s7 39	8 52	11 58		s7 33	8 47	8 56		s7 28	8 42
9	Th.	r4 31	9 21	0 21		r4 37	9 17	9 42		r4 42	9 14
10	Fr.	s7 38	9 44	1 5		s7 33	9 41	10 23		s7 27	9 40
11	Sa	r4 32	10 4	1 47		r4 38	10 3	11 1		r4 43	10 2
12	☉	s7 37	10 22	2 26		s7 32	10 22	11 40		s7 26	10 23
13	Mo.	r4 33	10 40	3 3		r4 39	10 41	0 0		r4 44	10 43
14	Tu.	s7 36	10 58	3 42		s7 31	11 0	0 41		s7 26	11 4
15	We.	r4 35	11 19	4 25		r4 40	11 23	1 24		r4 46	11 27
16	Th.	s7 35	11 43	5 12		s7 30	11 48	2 10		s7 24	11 54
17	Fr.	r4 37	morn	6 5		r4 42	morn	3 3		r4 47	morn
18	Sa.	s7 34	0 13	7 2		s7 29	0 19	3 59		s7 23	0 26
19	☉	r4 38	0 51	8 2		r4 43	0 58	4 58		r4 49	1 6
20	Mo.	s7 32	1 39	9 0		s7 27	1 46	5 57		s7 22	1 55
21	Tu.	r4 40	2 37	9 55		r4 45	2 44	6 53		r4 50	2 53
22	We.	s7 30	sets.	10 47		s7 26	sets.	7 43		s7 21	sets.
23	Th.	r4 42	8 11	11 35		r4 47	8 7	8 31		r4 52	8 2
24	Fr.	s7 29	8 38	.....		s7 24	8 35	9 18		s7 19	8 33
25	Sa.	r4 44	9 2	0 42		r4 49	9 0	10 0		r4 53	9 0
26	☉	s7 27	9 25	1 24		s7 22	9 25	10 40		s7 18	9 26
27	Mo.	r4 46	9 47	2 7		r4 50	9 48	11 24		r4 55	9 51
28	Tu.	s7 25	10 11	2 50		s7 21	10 14	.....		s7 16	10 18
29	We.	r4 48	10 38	3 38		r4 52	10 42	0 37		r4 57	10 47
30	Th.	s7 23	11 10	4 33		s7 19	11 16	1 32		s7 14	11 22
31	Fr.	r4 50	11 52	5 38		r4 54	11 59	2 36		r4 59	morn

AUGUST

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
FULL MOON	5d. 7h. 41m. P.M.	5d. 6h. 41m. P.M.
LAST QUARTER	13d. 7h. 56m. P.M.	13d. 6h. 56m. P.M.
NEW MOON	21d. 7h. 26m. A.M.	21d. 6h. 26m. A.M.
FIRST QUARTER	27d. 11h. 52m. P.M.	27d. 10h. 52m. P.M.

1914 D. of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO. Local Mean Time. Sun R.&S.	Moon R.&S.	Boston Tide. Stand. Time.	Morning.	LATITUDE OF NEW YORK AND PHILADELPHIA. Local Mean Time. Sun R.&S.	Moon R.&S.	N. Y. Tide. Stand. Time.	Morning.	LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time. Sun R.&S.	Moon R.&S.
1	SA.	r4 51	morn	6 48		r4 55	morn	3 45		r5 0	0 6
2	♋	s7 20	0 45	7 59		s7 16	0 52	4 55		s7 11	1 1
3	MO.	r4 53	1 47	9 5		r4 57	1 54	6 3		r5 1	2 3
4	TU.	s7 17	2 57	10 4		s7 13	3 3	7 2		s7 9	3 11
5	WE.	r4 55	rises	10 54		r4 59	rises	7 49		r5 3	rises.
6	TH.	s7 15	7 46	11 37		s7 11	7 43	8 33		s7 7	7 41
7	FR.	r4 57	8 7	.....		r5 1	8 5	9 14		r5 5	8 4
8	SA.	s7 12	8 26	0 35		s7 9	8 25	9 51		s7 5	8 26
9	♋	r4 59	8 44	1 11		r5 3	8 45	10 24		r5 6	8 47
10	MO.	s7 10	9 3	1 46		s7 6	9 5	10 58		s7 2	9 8
11	TU.	r5 1	9 23	2 22		r5 5	9 26	11 36		r5 8	9 30
12	WE.	s7 7	9 46	2 59		s7 4	9 50	.....		s7 0	9 56
13	TH.	r5 3	10 13	3 40		r5 7	10 18	0 39		r5 10	10 25
14	FR.	s7 4	10 46	4 29		s7 1	10 52	1 28		s6 57	11 0
15	SA.	r5 5	11 28	5 25		r5 9	11 35	2 23		r5 12	11 44
16	♋	s7 1	morn	6 28		s6 58	morn	3 25		s6 55	morn
17	MO.	r5 8	0 21	7 33		r5 11	0 28	4 30		r5 14	0 37
18	TU.	s6 58	1 24	8 37		s6 55	1 31	5 34		s6 52	1 39
19	WE.	r5 10	2 35	9 34		r5 13	2 41	6 33		r5 16	2 48
20	TH.	s6 55	3 51	10 27		s6 52	3 55	7 23		s6 50	4 1
21	FR.	r5 12	sets.	11 13		r5 15	sets.	8 7		r5 17	sets.
22	SA.	s6 52	7 28	11 55		s6 50	7 27	8 52		s6 47	7 28
23	♋	r5 14	7 50	0 16		r5 17	7 51	9 35		r5 19	7 53
24	MO.	s6 49	8 14	0 58		s6 47	8 16	10 16		s6 44	8 20
25	TU.	r5 16	8 41	1 42		r5 19	8 45	11 0		r5 21	8 50
26	WE.	s6 46	9 12	2 28		s6 43	9 17	11 49		s6 41	9 24
27	TH.	r5 18	9 51	3 19		r5 21	9 57	0 17		r5 23	10 5
28	FR.	s6 43	10 40	4 20		s6 40	10 47	1 19		s6 39	10 56
29	SA.	r5 20	11 39	5 29		r5 23	11 46	2 27		r5 25	11 55
30	♋	s6 39	morn	6 42		s6 37	morn	3 39		s6 35	morn
31	MO.	r5 22	0 46	7 52		r5 24	0 53	4 49		r5 27	1 0

SEPTEMBER

MOON'S PHASES. (In Standard Time).	EASTERN DIVISION.	CENTRAL DIVISION.
FULL MOON	4d. 9h. 1m. A.M.	4d. 8h. 1m. A.M.
LAST QUARTER	12d. 0h. 48m. P.M.	12d. 11h. 48m. A.M.
NEW MOON	19d. 4h. 33m. P.M.	19d. 3h. 33m. P.M.
FIRST QUARTER	26d. 7h. 3m. A.M.	26d. 6h. 3m. A.M.

1914 D. of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO. Local Mean Time. Sun R.&S.	Moon R.&S.	Boston Tide. Stand. Time.	Morning.	LATITUDE OF NEW YORK AND PHILADELPHIA. Local Mean Time. Sun R.&S.	Moon R.&S.	N. Y. Tide. Stand. Time.	Morning.	LAT. OF WASH. CIN. & ST. LOUIS. Local Mean Time. Sun R.&S.	Moon R.&S.
1	TU.	r5 23	1 57	8 53		r5 25	2 3	5 50		r5 28	2 9
2	WE.	s6 34	3 8	9 45		s6 32	3 12	6 43		s6 31	3 18
3	TH.	r5 26	4 17	10 30		r5 27	4 20	7 26		r5 29	4 24
4	FR.	s6 31	rises.	11 8		s6 29	rises.	8 2		s6 27	rises.
5	SA.	r5 28	6 50	11 42		r5 29	6 50	8 39		r5 31	6 51
6	♋	s6 28	7 8	.....		s6 26	7 9	9 14		s6 24	7 12
7	MO.	r5 30	7 27	0 33		r5 31	7 30	9 48		r5 33	7 33
8	TU.	s6 24	7 48	1 7		s6 23	7 52	10 22		s6 21	7 57
9	WE.	r5 32	8 13	1 44		r5 33	8 18	10 58		r5 35	8 24
10	TH.	s6 21	8 43	2 24		s6 19	8 49	11 41		s6 18	8 56
11	FR.	r5 34	9 21	3 8		r5 35	9 28	0 5		r5 37	9 36
12	SA	s6 17	10 9	3 57		s6 16	10 16	0 56		s6 15	10 25
13	♋	r5 36	11 7	4 56		r5 37	11 14	1 55		r5 38	11 23
14	MO.	s6 14	morn	6 1		s6 13	morn	2 58		s6 12	morn
15	TU.	r5 38	0 13	7 7		r5 39	0 19	4 4		r5 40	0 27
16	WE.	s6 10	1 26	8 11		s6 9	1 31	5 7		s6 9	1 37
17	TH.	r5 40	2 42	9 7		r5 41	2 46	6 6		r5 42	2 50
18	FR.	s6 7	3 59	9 59		s6 6	4 1	6 56		s6 6	4 5
19	SA.	r5 43	5 16	10 45		r5 43	5 17	7 40		r5 44	5 18
20	♋	s6 3	sets.	11 28		s6 3	sets.	8 23		s6 2	sets.
21	MO.	r5 45	6 41	.....		r5 45	6 44	9 8		r5 45	6 48
22	TU.	s6 0	7 12	0 33		s5 59	7 17	9 54		s5 59	7 22
23	WE.	r5 47	7 49	1 21		r5 47	7 55	10 42		r5 47	8 2
24	TH.	s5 56	8 35	2 13		s5 56	8 42	11 36		s5 56	8 50
25	FR.	r5 49	9 32	3 9		r5 49	9 39	0 7		r5 49	9 48
26	SA.	s5 52	10 38	4 13		s5 53	10 45	1 12		s5 53	10 53
27	♋	r5 51	11 48	5 22		r5 51	11 54	2 20		r5 51	morn
28	MO.	s5 49	morn	6 30		s5 49	morn	3 27		s5 49	0 1
29	TU.	r5 53	0 59	7 33		r5 53	1 4	4 29		r5 53	1 9
30	WE.	s5 45	2 8	8 28		s5 46	2 11	5 24		s5 46	2 16
..	....	.....	.....	.....		.....	.....	....		.....	.....

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Full Moon.....	4d. oh. 59m. A.M.	3d. 11h. 59m. P.M.
Last Quarter.....	12d. 4h. 33m. A.M.	12d. 3h. 33m. A.M.
New Moon.....	19d. 1h. 33m. A.M.	19d. oh. 33m. A.M.
First Quarter	25d. 5h. 44m. P.M.	25d. 4h. 44m. P.M.

1914		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.
1	Th.	r5 56	3 14	9 13		r5 55	3 16	6 11		r5 54	3 19
2	Fr.	s5 42	4 18	9 55		s5 42	4 19	6 53		s5 43	4 21
3	Sa.	r5 58	5 20	10 34		r5 57	5 20	7 29		r5 56	5 20
4	♋	s5 38	rises.	11 8		s5 39	rises.	8 2		s5 40	rises.
5	Mo.	r6 0	5 53	11 41		r5 59	5 56	8 38		r5 58	6 1
6	Tu.	s5 35	6 16	.....		s5 36	6 21	9 15		s5 37	6 26
7	We.	r6 2	6 45	0 35		r6 1	6 51	9 52		r6 0	6 57
8	Th.	s5 32	7 20	1 14		s5 33	7 26	10 31		s5 34	7 34
9	Fr.	r6 4	8 3	1 57		r6 3	8 10	11 14		r6 2	8 19
10	Sa.	s5 28	8 56	2 44		s5 29	9 3	.....		s5 31	9 12
11	♋	r6 7	9 58	3 34		r6 6	10 5	0 33		r6 4	10 12
12	Mo.	s5 25	11 6	4 32		s5 26	11 12	1 30		s5 28	11 18
13	Tu.	r6 9	morn	5 33		r6 8	morn	2 31		r6 6	morn
14	We.	s5 22	0 18	6 37		s5 23	0 22	3 34		s5 25	0 28
15	Th.	r6 12	1 32	7 37		r6 10	1 35	4 34		r6 8	1 39
16	Fr.	s5 18	2 47	8 33		s5 20	2 49	5 30		s5 22	2 51
17	Sa.	r6 14	4 4	9 24		r6 12	4 4	6 22		r6 10	4 5
18	♋	s5 15	5 23	10 13		s5 17	5 21	7 10		s5 19	5 21
19	Mo.	r6 16	sets.	11 1		r6 14	sets.	7 56		r6 12	sets.
20	Tu.	s5 12	5 42	11 49		s5 14	5 47	8 45		s5 16	5 54
21	We.	r6 18	6 27	0 14		r6 16	6 33	9 39		r6 14	6 41
22	Th.	s5 9	7 22	1 8		s5 11	7 29	10 31		s5 14	7 38
23	Fr.	r6 21	8 27	2 4		r6 19	8 34	11 28		r6 16	8 42
24	Sa.	s5 6	9 38	3 2		s5 8	9 44	.....		s5 11	9 51
25	♋	r6 23	10 49	4 2		r6 21	10 54	1 1		r6 18	11 0
26	Mo.	s5 3	11 58	5 4		s5 6	morn	2 2		s5 8	morn
27	Tu.	r6 26	morn	6 3		r6 23	0 2	3 1		r6 21	0 7
28	We.	s5 0	1 5	6 58		s5 3	1 8	3 55		s5 6	1 11
29	Th.	r6 28	2 10	7 47		r6 25	2 11	4 44		r6 23	2 13
30	Fr.	s4 58	3 13	8 34		s5 0	3 13	5 31		s5 3	3 14
31	Sa.	r6 31	4 15	9 14		r6 28	4 14	6 12		r6 25	4 13

MOON'S PHASES. (In Standard Time).	EASTERN DIVISION.	CENTRAL DIVISION.
Full Moon	2d. 6h. 49m. P.M.	2d. 5h. 49m. P.M.
Last Quarter.....	10d. 6h. 37m. P.M.	10d. 5h. 37m. P.M.
New Moon.....	17d. 11h. 2m. A.M.	17d. 10h. 2m. A.M.
First Quarter.....	24d. 8h. 39m. A.M.	24d. 7h. 39m. A.M.

1914		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.	Stand. Time.	Morning.	Sun R.&S.	Moon R.&S.
1	♋	r6 32	5 16	9 54		r6 29	5 13	6 52		r6 26	5 12
2	Mo.	s4 54	6 18	10 34		s4 57	6 14	7 29		s5 0	6 12
3	Tu.	r6 34	rises.	11 12		r6 31	rises.	8 5		r6 28	rises.
4	We.	s4 51	5 21	11 49		s4 54	5 27	8 47		s4 58	5 35
5	Th.	r6 37	6 1	0 10		r6 34	6 8	9 30		r6 30	6 16
6	Fr.	s4 49	6 51	0 53		s4 52	6 58	10 12		s4 55	7 7
7	Sa.	r6 40	7 49	1 38		r6 36	7 56	10 56		r6 33	8 4
8	♋	s4 46	8 54	2 25		s4 50	9 0	11 46		s4 53	9 7
9	Mo.	r6 42	10 3	3 14		r6 38	10 8	0 12		r6 35	10 14
10	Tu.	s4 44	11 14	4 7		s4 48	11 18	1 6		s4 51	11 22
11	We.	r6 45	morn	5 3		r6 41	morn	2 1		r6 37	morn
12	Th.	s4 42	0 26	6 0		s4 46	0 28	2 58		s4 50	0 31
13	Fr.	r6 47	1 39	6 58		r6 43	1 40	3 55		r6 39	1 41
14	Sa	s4 40	2 54	7 55		s4 44	2 53	4 52		s4 48	2 53
15	♋	r6 50	4 13	8 51		r6 46	4 11	5 48		r6 42	4 9
16	Mo.	s4 39	5 36	9 46		s4 42	5 32	6 43		s4 46	5 29
17	Tu.	r6 52	sets	10 41		r6 48	sets.	7 35		r6 44	sets.
18	We.	s4 37	5 3	11 34		s4 41	5 10	8 29		s4 45	5 18
19	Th.	r6 55	6 7	0 0		r6 50	6 14	9 27		r6 46	6 23
20	Fr.	s4 35	7 19	0 57		s4 39	7 25	10 22		s4 44	7 33
21	Sa.	r6 57	8 33	1 53		r6 53	8 38	11 15		r6 48	8 45
22	♋	s4 34	9 46	2 46		s4 38	9 50	.....		s4 43	9 55
23	Mo.	r6 59	10 56	3 38		r6 55	10 59	0 37		r6 50	11 3
24	Tu.	s4 32	morn	4 30		s4 37	morn	1 29		s4 42	morn
25	We.	r7 2	0 2	5 21		r6 57	0 4	2 19		r6 52	0 6
26	Th.	s4 31	1 5	6 10		s4 36	1 5	3 8		s4 41	1 7
27	Fr.	r7 4	2 6	6 59		r6 59	2 5	3 56		r6 55	2 5
28	Sa.	s4 30	3 8	7 46		s4 35	3 6	4 43		s4 40	3 5
29	♋	r7 6	4 11	8 33		r7 1	4 8	5 30		r6 57	4 5
30	Mo.	s4 29	5 14	9 16		s4 35	5 9	6 14		s4 39	5 5
..	....	.....	.....	.....		.....	.....	.....		.....	.....

DECEMBER

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
FULL MOON	2d. 1h. 21m. P.M.	2d. 0h. 21m. P.M.
LAST QUARTER	10d. 6h. 32m. A.M.	10d. 5h. 32m. A.M.
NEW MOON	16d 9h. 35m. P.M.	16d. 8h. 35m. P.M.
FIRST QUARTER	24d. 3h. 25m. A.M.	24d. 2h. 25m. A.M.

1914		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.	
D. of M.	Day of W'k.	SUN R.&S.	MOON R.&S.	Stand. Time.	Morning	SUN R.&S.	MOON R.&S.	Stand. Time.	Morning	SUN R.&S.	MOON R.&S.
1	TU.	r7 8	6 18	10 2		r7 3	6 12	7 0		r6 58	6 7
2	WE.	s4 29	rises.	10 46		s4 34	rises	7 41		s4 39	rises.
3	TH.	r7 10	4 48	11 29		r7 5	4 55	8 24		r7 0	5 4
4	FR.	s4 28	5 43	.....		s4 33	5 50	9 13		s4 38	5 58
5	SA.	r7 13	6 47	0 36		r7 7	6 53	9 57		r7 2	7 0
6	☌	s4 28	7 55	1 22		s4 33	8 0	10 40		s4 38	8 6
7	MO.	r7 15	9 5	2 7		r7 9	9 9	11 25		r7 4	9 14
8	TU.	s4 28	10 15	2 52		s4 33	10 18	.....		s4 38	10 21
9	WE.	r7 17	11 25	3 39		r7 11	11 26	0 37		r7 6	11 28
10	TH.	s4 28	morn	4 29		s4 33	morn	1 27		s4 38	morn
11	FR.	r7 18	0 36	5 22		r7 13	0 36	2 20		r7 8	0 36
12	SA.	s4 28	1 50	6 20		s4 33	1 48	3 17		s4 38	1 47
13	♒	r7 20	3 7	7 20		r7 15	3 4	4 17		r7 9	3 0
14	MO.	s4 28	4 28	8 22		s4 33	4 23	5 19		s4 39	4 18
15	TU.	r7 22	5 51	9 24		r7 16	5 45	6 22		r7 11	5 39
16	WE.	s4 29	7 10	10 26		s4 34	7 3	7 22		s4 39	6 56
17	TH.	r7 23	sets.	11 24		r7 18	sets.	8 19		r7 12	sets.
18	FR.	s4 29	6 7	.....		s4 34	6 13	9 15		s4 40	6 20
19	SA.	r7 24	7 23	0 44		r7 19	7 28	10 6		r7 14	7 34
20	♓	s4 30	8 36	1 34		s4 35	8 30	10 53		s4 41	8 44
21	MO.	r7 26	9 46	2 21		r7 20	9 48	11 39		r7 15	9 51
22	TU.	s4 31	10 53	3 5		s4 36	10 54	0 2		s4 42	10 56
23	WE.	r7 27	11 56	3 47		r7 21	11 55	0 46		r7 16	11 56
24	TH.	s4 32	morn	4 32		s4 37	morn	1 31		s4 43	morn
25	FR.	r7 27	0 58	5 19		r7 22	0 56	2 17		r7 17	0 55
26	SA.	s4 33	2 1	6 8		s4 38	1 58	3 6		s4 44	1 56
27	♓	r7 28	3 4	6 59		r7 23	3 0	3 56		r7 17	2 56
28	MO.	s4 34	4 7	7 51		s4 40	4 2	4 48		s4 45	3 56
29	TU.	r7 29	5 10	8 43		r7 24	5 4	5 41		r7 18	4 57
30	WE.	s4 36	6 11	9 35		s4 41	6 4	6 33		s4 47	5 57
31	TH.	r7 29	7 6	10 26		r7 24	6 59	7 22		r7 19	6 51

Cambridge.

2 Ther Thursday, Jan. 1, 1914 Wea
Wintry conditions. Mixed.

Brilliantly clear up to 10 a.m. Cloudy after that with scattered snow flakes falling every now & then. Intensely chilly with feather lows & ever falling temperature. Ground hard frozen & practically free from snow or ice. Grass only faintly green now. Skating on Charles River. Thus we have at last wintry conditions to usher in the new year. When it began at midnight I was sitting in my den listening to the incessant din of steam whistles blowing for & near. C. got back from St. Paul's half an hour later.

Not a bird of any kind about the place.

My day spent in Museum working at Umbagog Tales. Finished with Red Tail Hawk story - a brief one - & began on Red-Shouldered Hawk, rewriting a full page. C. Typed. Copied everything I had to give her. In the afternoon she gave a dose of forenoon reception for her reading class - next to be discontinued this winter. Emery Walker came & called Nate Woodford. I was with them from 4.30 to 6. Heard evening lecture in Sever Hall by C. & E. A. G.

Cambridge.

Ther 15° Friday, Jan. 2, 1914 Wea Dull.

Another drearily cloudy and freezingly cold day without wind, however.

At least 2 Blue Jays screaming in the jungle shortly after dinner, perhaps at a big black cat skulking there. I saw not other bird about the place but Gilbert found a Brown Creeper lying dead on the sidewalk under the big elms in front of the Almy house. The cause of its death seems obscure for it is in plump condition & without trace of external injury.

Spent entire day in Museum working ceaselessly on Red-shouldered Hawk story and adding 2 M.S. pp. to the one rewritten yesterday, thereby completing the brief account of my meagre experiences with the birds in the Umbagog Region.

C. in town all day & at her desk this evening. I lunched with E. & C. S. & Lavan first dined alone — in the "Den"

Cambridge.

Ther Saturday, Jan. 3, 1914 Wea Dull.

Continued sunless, windless, chilsome weather, less cold than that of yesterday.

Certainly 6, and I thought 7, Chickadees flitting through lilacs & visiting suet in catalpa, about 9 a.m. A Flicker calling a little later. Two Golden-crest Kinglets & one Chickadee close to my study window at 2 P.M.

Spent day in Museum working at my accustomed task. Revised & in places rewrote parts of Red-shouldered Hawk story & then began on Broad-winged Hawk working 3 pp. Composed worthless using any matter I'd taken from the journals bodily. This was for me a rather good day's work. Kept at it ceaselessly up to 7 P.M., getting in eight hours in all and feeling but a trifle tired when I came in to dinner.

C. Spent most of day in town. She & E. R. S. read aloud from Trollope's "He Knew He was Right" after dinner.

Cambridge.

Ther Sunday, Jan. 4, 1914 Wea Stormy

Heavy rain last night turning to snow this morning and continuing until past noon when it had covered the ground to a depth of an inch or more. Slight easterly winds.

A Crow cawing in lindens at daybreak. 2 Jays flitting through Jungle at noon, 3 or 4 Chickadees visiting suet a little later. Squirrels continuing to keep close although I see one or two out every other day or so.

Spent an hour after breakfast in Museum rearranging plants. Met C. at St. John's at 10.40. Dr. Brown preached a colorless sermon to a scanty congregation.

We had at dinner Miss Allyn, Miss Emmy Howard, Mrs Avery Fuller & her sister, Mrs. George Sawyer. After their departure I worked for 3 hours on Bread - mixed Hancock Story reworking yeast & adding nothing more. C. & E. read Tarkington's new This evening

Cambridge.

Ther Monday, Jan. 5, 1914 Wea Fine.

Clear and cool with light easterly wind. Ground snow-covered everywhere, the streets & sidewalks icy & slippery.

Heard a Crowing at Sunrise and saw 2 Jays flitting about in the lilacs as I was dressing for breakfast. A Chickadee came later to suet by my study windows. House Sparrows seem to have altogether deserted our palace of late. I have not noticed one there for this month.

Mrs. Dr. Worcester of Waltham telephoned me this noon that she had seen a ♂ Baltimore Oriole this morning in a Salem Street - Settled neighborhood near the Waltham Watch Factory. It has been coming there for about two weeks, she was told, to feed on Delaware grapes from a shriveled fruit still clinging remorselessly to the vine on the piazza of a house (# 74) in Crescent Street. She saw their fellow citizen on the piazza floor by the Oriole, she says a handsome bird in finely marbled plumage of orange & black.

I spend the day working on Bread - mixed Hancock Story reworking second page & ½. Got back some copy for Century Book. I have not much yet done

Unitarian Church meeting. Noble rehearsed a list of prize Lancaster Chickens of Hubbs, Jones &

Cambridge.

Ther Tuesday, Jan. 6, 1914 Wea F'ine.

Clear, Calm, warmer, snow melting & sidewalks nearly freed from ice.

Repeatedly of late, as well as last winter, I have seen Blue Jays flying high over our place to westward, shortly after sunrise; I wonder if they come from the Observatory grounds after spending the night there! Four passing over this morning were in sight at once until about the Cattail clump. 3 Chickadees at least. Saw no other birds.

The Broad-wing Hawk story is giving me much trouble. What I write & am content with one day seems hopelessly crude or stupid the next so I have to write & rewrite over & over again & am almost disheartened at times. After thus wrestling through most of To-day I composed a fresh page Eastwards night — and should probably discard or rewrite it to-morrow.

Shortly after dinner I dealt with the Crayfish found by Gilbert on the 2nd & made a really good drawing of it, to my surprise.

Mary Greenough & Miss Storey at lunch. C. & I reading aloud in hall after dinner

Cambridge.

Ther Wednesday, Jan. 7, 1914 Wea Dull.

More snow fell last night to depth of an inch or so renewing slippery & sloppy condition of city highways for although sunless the day was mild.

Two Blue Jays and 3 or 4 Chickadees seen in Garden & Crows heard cawing in Lindens at sunrise.

George Deane reports that a pr. Hairy W. is roosting nightly in a hole he saw it make in one of their trees. The branch had to be sawed off a week or two ago. While this was going on the bird seemed greatly troubled & kept flying about. It returned to the cavity to sleep when a section of the trunk containing it was hung up in the tree.

Worked most of day on Broad-wing H. Story revising it & adding almost 2 Mo. of fresh matter. Went to Harvard Square at 4 to have hair cut at Hoak's. Back at 6.

Formal dinner at 7.15 for Dr. & Mrs. & Miss Rousmaniere, The Dyckes (of Concord) Calhouns Greathouses & Lessing Fuller. Sr. Wright left early & I thought. Most of them stayed until 10.

Cambridge.

Ther Thursday, Jan. 8, 1914 Wea Dull

Cloudy, windless & mild but chilly. Snow washing away & bare ground beginning to show here & there.

8 Chickadees seen at once, and near together, successively visiting the bunch of suet hanging in Catalpa tree by Museum. Heard by Gilbert.

At my customary task in Museum. Finished Broad winged Hawk story by noon & C. copied all but one page of what I had rewritten & revised. It seems to read fairly well now. In afternoon I wrote a few lines all there is to say — about the Rough-legged Hawk and then began on the Golden Eagle story, composing the first page of it. It looks fair to be rather difficult to tell effectively.

We had no guests at any meal today. C. & E. read to me as usual in the hall this evening.

Cambridge - Boston.

Ther Friday, Jan. 9, 1914 Wea Dull.

Cloudy with half an hour or so of sunshine in late forenoon. Although the snow melted fast there was a bitterly chilly north-east wind.

Heard a Flicker & saw at least 3 Chickadees in the Garden.

To Boston by subway at 10 A.M. 200 or more Gulls on ice near W. Boston bridge & upwards of a dozen Devils of some kind in a distant space of open water. Miss Allyn met me in the car & we had a pleasant chat. She on her way to Magnolia, I to our office where I spent a couple of hours. Galloupe & I went to Safety Vault, took out Hospital data notes & collateral interest on them at 50 State St. They were left in our safe to be returned Carter by Battrick whom I saw. In my own Safety Box I put Certificate for 10 shs Bos. Nahant & Point Shirley Steamboat Co, just bought

Home by 1. Worked on Golden Eagle story in P.M. Interrupted by Mrs. Mallon who called to talk about entering #6 Rindge Ave-

Cambridge.

Ther Saturday, Jan. 10, 1914 Wea Fair

Partly sunny, largely cloudy; cooler with northerly wind,

One place week - nigh birdless. I saw only a Chickadee at the suet by my study windows & a Crow flying past. House Sparrows continue absent & Gray Squirrels in their dens - this being the season of their brief & incomplete hibernation. They will soon be out again in full force and in their usual numbers - despite cold & snow.

Thus far this winter has differed from last not so much in average temperature as by being much less [Less] stormy and sunnier. Both have been equally free from strong winds

Working all day on Garden Path study, reading 4 pp. Most of this matter was readapted from passages on journals or note book & not largely recomposed; C. & E. read about 400 pages in bed.

Cambridge.

Ther Sunday, Jan. 11, 1914 Wea Fine

Clear & cold with high N.W. wind. Ground hard frozen. Sidewalks dry & clear of ice & snow.

2 Chickadees seen and a Jay heard in the Garden.

After spending an hour in Museum I walked down Street to join C. at St. Johns at 10.20. Mr. Goodwin, a new recruit at the Seminary preached a sermon that began unconventionally with but ended rather tamely. The walk back in the teeth of the raging wind was not altogether pleasant.

We had at dinner Mrs. Wyman, Miss Jennie Chapman & Sally Dearborn I went to Museum at 3.45 & wrote letters until 6. The usual reading from Trollope by the hostess after supper.

"Sue", the Chow puppy, as winning as ever & beloved by everyone, is growing fast

Cambridge.

Ther 16° Monday, Jan. 12, 1914 Wea Fair

Cold with blustering N.W. wind. Sunny for most part but darkly cloudy about noon with snow squalls & wind reported in Boston at 60 miles per hour for a few minutes.

Lots of birds in Garden. 3 jays flitting through lilacs with crusts of bread in their bills at 8 a.m. The Woodpecker brigade, consisting on this occasion of 1 ♂ & 2 ♀♀ Hairies, a ♀ Downy and a ♂ Flicker, appeared at 11 a.m., the Flicker to feast on little Parkmans apples in close association with a Gray Squirrel similarly employed, the other four birds to remain long in the vicinity behind Museum. Chickadees to the number of at least 3 or 4 visited the suet at frequent intervals all day long.

I worked at accustomed table, in forenoon revising Golden Eagle story for C. to copy, after luncheon on Rough-legged Hawk story to which I added about a page.

C. down with a headache this evening. E. read to me from "He Knew He was Right"

Cambridge.

Ther -8, -2, -8 Tuesday, Jan. 13, 1914 Wea Bitter cold. Fine

Despite bright & cealess sunshine the temperature rose no higher than -2 throughout the day falling to -8 by 7 P.M. or practically where it had been at daybreak. A raging N.W. wind must have added greatly to the discomfort of those much exposed to it. We have had no severer winter weather for many a year.

One or two Chickadees visiting the suet. Nothing else seen about the place.

I was exposed to the cold only when going to & from the Museum & perhaps should not have ventured on even this because of a bronchial cold which has been growing steadily worse & now gives me no little discomfort.

My working day not past for C-day, which was spent mostly in addressing & reading the Golden Eagle story, as yet unfinished. I was disappointed to P.M. by Mrs Mellon, Phelan & Mills who came to talk over plumbing & electric wiring at 6 Rindge Ave. It will cost about $300,

Cambridge

Ther Wednesday, Jan. 14, 1914 Wea
-8, +12, +8. Blanchard of Newry. Fine.

Continued clear & cold weather. The temperature at 7 a.m. was -8° or presumably the same as at the same hours yesterday morning & evening. Nor did it fall below that last night; my registering thermometer on the back piazza tells the truth. It rose to 12° at noon, however, & the wind was much less strong than during yesterday in comparison with today & seemed almost mild.

If a bird of any kind visited our place today it failed to attract my notice.

After finishing all the forenoon an unsatisfactory half page of my Golden Eagle story I adorned it somewhat in the afternoon by adding 2 fresh pp. transcribed with slight change, however, from the journal. Old Blanchard, the Newry hunter, called at 12.40 bringing a dressed bear skin for which he asked $20. I refused it but he left it here for our judgment. He has asked much in advance since I knew him but it is still handsome & unusual.

Cambridge.

Ther Thursday, Jan. 15, 1914 Wea
Dull

Cloudy with steadily rising temperature & snow falling after dark.

2 or 3 Chickadees coming to the suet.

Worked all day on Golden Eagle story, practically finishing it with three added pages taken mostly from the journal, however. This, with the revision of what C. copied in the forenoon, was all I accomplished. Verily am I "in the doldrums" once more, as far as literary composition is concerned.

Miss Bishop dined with us at 6.30 To go with C. to Harvard Symphony. E. read "Frankfort" to me. As I was writing a note in the "den" about 9.20 every light in the house went out & had since remained so. All our neighbors forward are similarly dark. I cannot get the Lakeville Co. by telephone. Fortunately we have candles, kerosene lamps & a very gas furnace in the cellar to

Cambridge

Ther Friday, Jan. 16, 1914 Wea Dull

Cloudy, calm, chilly. Less than an inch of snow fell last night but it has whitened everything including the trees & has melted but little to day.

In the Garden saw 2 Chickadees & heard a Crow, also either a Hairy or a Downy Woodpecker. A Screech Owl wailed in the lindens for several minutes shortly after 9 P.M. It is the first noted about our place for several months at least.

The wind-up of the Golden Eagle story occupied me all day & was not completed until 6.30 P.M. although making me more than a page of my M.S. and this practically written, I thought, before I came in yesterday evening. I cannot either understand or defend the waste of time which I so often squander upon such a trifling task.

C. read aloud to me this evening

Morrick Wyman died of pneumonia at Oakley Club early this morning after a brief illness.

Cambridge.

Ther Saturday, Jan. 17, 1914 Wea Dull.

Cloudy calm & mild but chilly with decided drop of temperature towards night. Ground & trees still thinly covered with snow.

At least 6, & I thought as many as 7 or 8, Chickadees trooped past Museum about 9 a.m. southward visiting the suet. Heard a Jay later. C. reports hearing a Screech Owl just before or at daybreak. I wonder if he can have driven off all the House Sparrows! Not one has been seen to my knowledge about our place this month.

4 Barrow's Golden-eyes ordered from Wood came last night & were unpacked this morning. I am getting them for Sand Point. 3 (♂♂ ♀) from Iceland are right but 1 (♂ im. Penobscot Bay) is americana.

Spent forenoon of a.m. & afternoon of P.M. on Golden Eagle story adding almost 2 pp. of fresh matter - after thought.

C. & E. reading aloud in bed this evening

Cambridge.

Ther 12° Sunday, Jan. 18, 1914 Wea Fine

Morriel Wymans funeral in the old house at 3 P.M.

Morriel Wymans funeral

Clear & cold with fresh N.W. wind

A Blue Jay screaming in the Jungle. No other bird of any kind seen or heard about the place.

Because of a lingering cough, the after-math of my recent cold, I did not go to Church this morning but spent most of day in Museum, working, I regret to say, on the Golden Eagle story, after sternly resolving to let it alone because there were letters to be written. Of course I wrangled with it rather feverishly as usual yet several refractory passages were finally hacked into something like decent shape & then I did write some of the more pressing letters. I wonder how my literary work can drive & fascinate me so when I find it so very laborious.

Mrs. Scudder, Mrs. Cobb, Mary Fuller Miss Allyn dined with C.C. & Mrs. E.K.S. with her Brother, at Phillips Place, all very

Cambridge.

Ther Monday, Jan. 19, 1914 Wea Dull.

Brown Thrasher returns

Cloudy, Calm & mild. Snowy. Chilly.

1 House Sparrow, the first noted this month 2 or 3 Chickadees at the Seed. A Jay heard & a Hairy W. seen (by Gilbert). After being apparently absent from our place ever since Dec. 30 last (he was noted on the 31st on Wicked Stump), the Brown Thrasher returned to-day He was seen in the Lilacs about 4 P.M. by Gilbert & by me shortly afterwards. Still later he was driven therein from the honeysuckle vine by Museum door by Gilbert's passing in & out. At length about 5 P.M. he went to roost there for the night & would not move when we stood in the open door within 3 ft. of him. It was then almost dark & he showed an indescribably well built in the tangle of vines about as high as one's head.

Worked through forenoon revising Golden Eagle story as C.C. copied it. Began Bald Eagle story after dinner & wrote 1½ pp. by 6. Mist all Clear. T. H. Allen on early morning driving. Only 9 of us to town so Mrs. Thayer drove to E.K.S. there to spend the night.

Cambridge.

Ther Tuesday, Jan. 20, 1914 Wea Stormy.

Snowing all day long & into the following night but so filfully and lightly that scarce two inches had fallen by 6 P. M.

A Chickadee at my window sweet, a Crow heard Cawing & a House Sparrow chattering were the only birds noted.

Spent almost the whole forenoon writing letters. Among them was a rather difficult one to Mrs. J. W. Elliot in reply to her note, received yesterday, thanking me for my long service as President of the Massachusetts Audubon Society & accepting my resignation (tendered last December) on behalf of the Board of Directors.

In the afternoon I worked on the Bald Eagle story, writing a little more than 2 pp. of freshly composed matter.

E. K. S. returned this eve. Mrs. Thayer has eaten nothing for two days & is seemingly more sick and her son Will arrived from Baltimore to-day.

Cambridge.

Ther Wednesday, Jan. 21, 1914 Wea Mixed

First Sleighing.

Snowing all last night & most of this forenoon but the snow was no more than 4" deep when the sun finally reappeared at 1 P. M. It then loaded every twig for there had been no wind. Sleighs running everywhere in our Streets, for first time this winter.

A Chickadee came to Sweet at my window, the only bird of any kind noted to-day.

Most of the forenoon had to be devoted to writing letters, chapters &c. I sent a long letter that came from Arthur Estabrook last evening to our office by special messenger about 10 A. M. It related to Bassett & gave a full history of how & why he was forced to leave my father's farm. I asked Gallonga to show it to Burbank & to Abbott. The latter has sent me a draft of a letter he advises me to write Bassett. It seems excellent but I shall sleep on it.

Worked all P. M. on Bald Eagle story adding two freshly composed pp. & rewriting one stolen before. C. & E. read aloud in hour this eve. Mrs Thayer still alive.

Cambridge

Ther 8° ↑ 20° — Thursday, Jan. 22, 1914 — Wea Fine

Clear & frosty with exceedingly dry & pure air & little or no wind; altogether much like typical winter weather at Bethel. Trees snow-laden still.

Saw a Chickadee at suet & heard a Titlark in jungle. Squirrels still keeping close-bed for most part.

Worked on Bald Eagle story revising it in forenoon, as C. type wrote it, and adding a couple of pages of freshly composed matter in afternoon. It is proving an interesting theme to me, as I get further & further into it.

A. T. Pierce called about 3 P.M. To talk over gypsy moth work. He is to do our trees here in a few days but probably will not go to Concord before March.

C. & E. K. S. read aloud after supper. Mrs. Cobb & Lovey T. called.

Boumbridge.

Ther 10° ↓ 30° — Friday, Jan. 23, 1914 — Wea Fair

Forenoon sunny; afternoon cloudy. Calm with steadily rising temperature.

Heard a Jay & saw a Chickadee at the suet.

Practically the whole forenoon had to be given to writing letters but I got fairly to work again on the Bald Eagle story immediately after luncheon and composed a couple of new pages before 6 P.M.

C. spent the day in town & came home so tired that she had to keep to her room & couch. Simon E. K. S. has been reading to me in the book from "to Know the Lord Right". We all think it one of Trollope's very best stories

"Sun", the Crow, is ceasing to be a puppy & becoming a rather big dog.

Cambridge.

Ther | Saturday, Jan. 24, 1914 | Wea

Mrs. J. B. Thayer dies. Stormy

Raining steadily nearly all day. Very mild with dense fog.

2 Crows calling in early morning. Either a Hairy or a Downy Woodpecker heard in the jungle or beyond. No other birds of any kind. One Gray Squirrel.

Worked all day on Bald Eagle story, adding to it no less than 7 M.S. pages. Of course they were largely compiled from my journal but even so it was an unusual accomplishment for me. As far as I can now judge this Eagle story is furnished but there will doubtless have to be a good deal of time devoted to revising, if not rewriting, parts of it.

E. K. S. went down to Phillips Place just after luncheon. She returned at 3.30 with the news that Mrs. Thayer had died quietly half an hour before.

Cambridge.

Ther 15° | Sunday, Jan. 25, 1914 | Wea Fine.

Clear & cold with fresh N. W. wind.

3 Chickadees at the suet
A Hairy Woodpecker in the Jungle
Two Gray Squirrels scurrying about together, growling, in pigeon loft over my study where they have nested & reared young for several seasons past but have not been heard before this year. I think it must now be an amatory encounter on this occasion

Stayed away from church again because of my cough. C. says I missed some rare music & a fine sermon by Dr. H.

I spent most of day in Museum working letters, the Eagle story having undoubtedly attained Allen Allyn closed with C. & me. E. K. S. dined at Phillips Place. Will Thayer came there at 5 P. M. to call upon us. He is a rarely attractive as well as impressive man. He read Mrs. Thayer's will to us. It is full of elevated thought & feeling for the writer & herself.

Cambridge.

Ther 10° — Monday, Jan. 26, 1914 — Wea Stormy

Mrs. Thayer's funeral.

Cloudy with light snowfall in P.M. Early morning cold. Temperature rising through day.

3 Chickadees at suet by my windows. No other birds seen or heard.

Mrs. Thayer's funeral at home at 11 a.m. The parlor & study crowded. G. went & I intended to but gave it up at her request because of my bronchial cough which is still troublesome. I spent most of day revising Bald Eagle story most of the remaining sheets of which were typo-copied by G. who worked from 2 to 5:30 P.M. At 4 I received a visit from C. W. Haley who came to talk over matters at Wolfeboro which seem to be going well. Mr. Sleeper went with me about an hour. Sorry went with her family to Concord by 1 P.M. train returning later. She & G. stayed to tea after dinner. Prairie & 3 men hunting moose all day & finding only a track.

Cambridge.

Ther — Tuesday, Jan. 27, 1914 — Wea Dull.

Cloudy calm & mild, but chilly. Trees attractively powdered by snow that came last night - a mere dust of it that mostly disappeared before noon.

Two or three Chickadees at suet, one whistling phoebe-bee-fast & clear cooing now & then. A Crow flitting through our windows. Nothing else noted.

Wrote letters up to 11 A.M. and then began a Dick Hamlet story, doing the first page of it by luncheon time. Tackled it again at 2 P.M. but had to quit fifteen minutes later because of neuralgic pain in my right eye which had been coming on all the morning & now became simply intolerable. It wore off gradually during the afternoon spent in a darkened room with C. applying various remedial things.

We spent the evening as usual, reading aloud in front hall.

Cambridge.

Ther 53° Wednesday, Jan. 28, 1914 Wea Fine

Sunny; Calm, very warm. Snow is mostly gone before night.

3 Chickadees at feet, 2 Blue Jays in lilacs, House Sparrows heard once or twice after 8 A.M. Brown Thrasher started from vine by Museum door by Gilbert at 5.30 P.M.

Spent day in Museum working on Duck Hawk story. After rewriting the first page I added 3 pp., completed, however, from journal & note books.

Dick Dana came at 4 P.M. to stay an hour. I enjoyed our talk exceedingly although sorely afflicted as the time with Neuralgia pain. It began to manifest itself before he came & was gone by 6 P.M. Because of it and of my bronchial cough I had to miss the annual meeting of Trustees of Public Reservations at Hotel Touraine to-day and the "We Dine" at Robert Thaxter's this evening. Gilbert motored C. over to Roxbury this forenoon. I signed a lot of Estate cheques sent out by Gallagher at 10.30. Heard reading in hall 8±9.30 P.M.

Cambridge.

Ther Thursday, Jan. 29, 1914 Wea Dull

Cloudy; Calm, very mild. Grass grounds again bare & faintly green.

Looking out bathroom window at 8 A.M. I saw the Brown Thrasher flitting about in lilacs within a yard of tray filled with corn meal placed there on the 19th. I think he must have been eating it. Gilbert says he flies from the honeysuckle vine by door of museum where he (Gilbert) left at 5.30 last evening. I see many bird dung of large size in & under it. It is indicated that the Thrasher has spent several nights there.

There was a handsome ♂ Hairy Woodpecker in the lilacs at 1 P.M. He seemed almost as fearless as a Chickadee permitting C. & me to approach within 8 or 10 feet. Three Chickadees almost bare as usual.

Worked all day on Duck Hawk story revising sheets for C. to copy in forenoon, writing 4 pp. of fresh matter largely compiled from journal, in afternoon. C. & E. read aloud in bed this evening.

Cambridge - Boston.

Ther Friday, Jan. 30, 1914 Wea Fair

Cloudy & hazy. Calm. very warm. Snow & ice wholly gone.

2 Chickadees, a Jay and a Crow in the Garden. The Brown Thrasher on his accustomed roost as vine by Museum door noted. I entered it at 5:15 P.M. He did not show any uneasiness when I stopped for a moment on the steps & looked him in the eye with my face level with his & seven feet from the vine. Prof. F. W. Putnam has been feeding him daily for two months past in the year of 1913 Both Sp. according to Henry W. Spelman.

Worked on Duck Hawk story most of forenoon, accomplishing one page - the last.

To Boston, after soliciting chance hands, reaching office at 2.15. Gallagher & I returned Hospital dept notes to vaults & took out mortgage for transfer. I dictated & mailed letter to William Barrett refusing to grant his recent request. re money he desires from Trust to make good a traditionary claim against my father. Letter a masterly composition for me by Abbott. Hamm by 5:10. Alone this eve. C. & E. at Hotel "Bee"

Cambridge.

Ther Saturday, Jan. 31, 1914 Wea Stormy

Dark cloudy with N.E. moist and rain falling ceaselessly all day & very heavily at night fall.

The Brown Thrasher could be seen dimly on his accustomed perch in the vine when I looked for him there at 6 P.M. It was then raining in torrents and the vine was simply deluged with water overflowing from a gutter above. I heard a Tinkler calling in the Garden earlier in the day.

Worked all forenoon on revision of Duck Hawk Story revising it and adding another paragraph at the end. Began on Pigeon Hawk Story just after luncheon and wrote 1½ pp. of originally composed matter before putting it away at 5½ o'clock

C & E. went in town to see Robertson in Hamlet & are deeply impressed by him. They began to read "Ayala's Angel" in the This evening.

Cambridge.

Ther Sunday, Feb. 1, 1914 Wea Fine

Brilliantly clear with boisterous N.W. wind; altogether like a day in March cool but not frosty.

4 or 5 Chickadees about grounds. A Jay screaming. Saw the Thrasher on his perch in the vine at 5.05 P.M. but he was not there 15 minutes before this.

Met C. at St. John's at 10.20. We had a rare sermon from Dr. Hodges, perhaps the very best I have ever heard him preach. C. stayed on for Communion & I walked back alone. To work letters until dinner time. We had visitors at dinner besides Alice Allyn; C's old Roxbury friends Mrs. Rogers & Miss Frost. They stayed until 4 when I returned to the Museum & wrote more letters. Bulbs coming on fast now but they are the poorest lot I ever had especially crocuses. C. & E. read "Ayala's Angel" this eve.

Cambridge.

Ther Monday, Feb. 2, 1914 Wea Fine

Clear & cooler, the ground frozen stiff again. Light W. wind.

In Garden 5 Chickadees, a Jay, a Hairy Woodpecker, two House Sparrows, Brown Thrasher on roost in vine at 5.05 P.M. I could not see him there after Nuttall Club meeting this evening & fear some of the members may have disturbed him.

Spent day working on Pigeon Hawk Story to which I added 3 pp. mostly compiled from Hindsight & largely rewritten. C. typewriting all forenoon. Miss Balch dined with us at 1. Nuttall Club meeting this evening, well attended. Judge Jenney on birds seen by him last summer in Orkney & Shetland Island. Very good. "Sun", the Chow dog, has got into a lot of burs & his splendid fur is tangled up badly with them.

Cambridge.

Ther Tuesday, Feb. 3, 1914 Wea Fair

Sunny but Hazy; Calm & Mild.

3 Chickadees & a Jay seen in the Garden. The Thrasher on his roost in the vine at 5.20 P.M. when I first looked for him there.

Gray Squirrels began to show themselves freely about three days ago. Since then I have seen them constantly and as numerously as in former years. The period of Semi-hibernation lasted this year from late in December to the end of January.

I worked all day on the Pigeon Hawk Story making little progress until after luncheon when four fresh pages were written but mostly corrupted. Dick Davis called at 3 P.M. to suggest my Taking a walk with him which I had to decline because of my task. C. & E. stood about in evening.

Cambridge.

Ther Wednesday Feb. 4, 1914 Wea Fair

Squirrels Mating

Rainy last night but mostly Sunny To-day & very mild. with little or no wind.

Saw the Thrasher fly into the lilacs at noon. He was on his perch in the vine at just 5 P.M. No other bird noticed in Garden.

Gray Squirrels everywhere about the place. Two engaged in amorous pursuit ran through the tops of the bare trees in single file at one point at Brookford.

Worked all day on Pigeon Hawk Story, almost finishing it. Reached 2 pp. in forenoon. Completed no less than 5 additional ones in P.M., an unusual achievement for me although much of the matter was only slightly recast from original notes. T. H. Allen telephoned to ask if my name might be offered in 1914 Annual Rep. Nuttall Ornithological Club of Cambridge. I said yes as did not want to give [illegible] month after Jan. 1 & no one has replaced

Cambridge

Ther Thursday, Feb. 5, 1914 Wea Fair

Cloudy with occasional brief intervals of Sunshine. Calm, Mild.

In Garden at 9 A. M. I saw 6 Chickadees, a Jay & a ♂ Hairy Woodpecker (drilling into the stem of an elder in the jungle). The Thrasher did not show himself through the day nor was he on his accustomed perch in the vine at 5:30 P.M. I hope no evil has befallen him.

My day was devoted to work on the Pigeon Hawk Story & mostly to revising it both before & after C. copied it. This took me until 4 P.M. after which I composed another page which ought to be the last.

C has gone to the Symphony Concerts & E. to bed — after hearing "Aegolus" to Ninfa, about an hour.

Cambridge

Ther Friday, Feb. 6, 1914 Wea Snow Storm

A Storm, threatening & gathering through the day, broke in late P.M. Since then Snow has fallen ceaselessly, to a depth of perhaps two inches, & is Still coming (10 P.M.)

On my way out to Museum at 9 A.M. I heard the Soft, Warbler-like chirping of the immature White-throated Sparrow which was here up to December 1st last & has not been seen since. He was under a Syringa bush near our kitchen door & remained there all the forenoon chipping almost incessantly, as is his [illegible] habit. 5 or 6 Chickadees also appeared at 9 A.M. The Thrasher was not seen until 5th P.M. when he was at roost in the vine almost

Worked all day on Pigeon Hawk Story revising it & Completing Still another page. Began Sparrow Hawk Story at 4 P.M. & wrote a four page before 6. C & E. read "Aegolus" aloud this eve.

Cambridge.

Ther — Saturday, Feb. 7, 1914 — Wea Dull

Densely cloudy & very chilly with a little rain. A very dark & dreary day. Ground covered by icy snow 3" or 4" deep. Brown Thrasher on roost in vine 5:20 P.M. 4 or 5 Chickadees about that suite.

Worked all day on Sparrow Hawk story. Wrote 3 pp. mostly compiled from notes. There will not be much more to add for I can say little about the bird which is not already known to almost every one.

Gilbert & Percy have been scouring the plaid for San José Scale & have found it on apple trees hawthorns & Spiraeas. The lilac hedge is bad with oyster shell scale. Pearce called this P.M. to talk it over. He will spray for it soon.

Dramatic Club to-night. C & I went sitting between Lois Howe & Bolling. Excellent comedy well acted. Home by 11-

Cambridge.

Ther 22° — Sunday, Feb. 8, 1914 — Wea Fine

Clear & rather cold with brisk N. W. wind. Everything frozen over again & snow sheathed in coat of glistening ice. Sidewalks dangerously slippery.

5 Chickadees at least, one whistling. A Jay, a Hawk Sp. & a Hairy W. heard Thrasher on roost in vine at 5 P.M.

Because of my bronchial cough & of the icy sidewalks I did not go to church. Spent forenoon in Museum working letters (to Dr. S., R.D., H. W. H. & others). Miss Allyn, & Mary & George Deane dined with C. & me on a Canard Chicken at 1.30. They all stayed until 4 after which I got off many letters & began on the Fish Hawk story, working about a page. Walter Deane called at 8.30 staying about an hour. After that E. read "Ayala's Angel" for half an hour.

Cambridge.

Ther 12°, 20°, 16° — Monday, Feb. 9, 1914 — Wea Fine

Clear & Cold with fresh N. W. wind. A glittering coat of icy mist covers everything.

2 or 3 Chickadees seen at Suet. The Thrasher did not return to his perch in the vine at all this evening. When C. came out to see him at 5.10 yesterday evening he flew away but came back a few minutes later & presumably spent the night there.

Worked partly on Sparrow Hawk; partly on Fish Hawk Story in a revising both as C. Typo-copied in the big room. Several letters had to be written after breakfast & they took up most of afternoon but I did another page for the Fish Hawk Story which should now hold me after to-morrow. This is the anniversary of our wedding 36 years ago. I had just time number of corrections for C. at breakfast. She is (and) laid by headache this am.

Cambridge.

Ther 16°, 26° — Tuesday, Feb. 10, 1914 — Wea Fine

Sunny, hazy, Calm, cold.

3 Chickadees at Suet, a Jay screaming & a Hairy Woodpecker calling in Jungle. No signs of the Thrasher. He was not in the vine this morning or last. When he returned to it on Sunday evening, after having frightened away by C's knock at the door, he seemed restless & nervous moving or shrinking back a little when I peeped out at him. There are no fresh droppings under the vine.

Worked all day on Fish Hawk Story, adding two pages. These, like the first two, were freshly composed as my notes furnished no matter desirable for use in its original shape. I do not expect to add any thing more to this long Story, which deals with the way back of the Tidewater. Now for the Owls!

Walter Deane called at 12.45; Stayed half an hour. C. & E. have just gone on Town To See J. Robinson in "Othello".

Cambridge - Boston

Ther Wednesday, Feb. 11, 1914 Wea
4°, 10°, 2° Forbes - Robinson's "Hamlet" Fine

Clear & very cold with light N. wind.

No birds noted about our place.
About a dozen Gulls swimming in an opening of the ice near W. Boston Bridge.

A broken day for me. C. & I had planned to lunch at Parker's & then go to see Forbes - Robinson at Shubert's Theatre but because of the intervening rain gave it up. She offered her ticket to Mr. Sawyer who accepted it promptly. I was doubtful about using mine until more urban I decided to go. We had luncheon at 12.30 & I started at 1.15. Never before have I seen "Hamlet" so admirably played & so attractively staged. Mrs. Forbes-Robinson as "Ophelia" was perfect at all points. I have seen no one to compare with her since Miss Neilson. In the Mad Scene she was wonderful - surpassing even Miss Neilson. Her husband failed to make me despite his great reputation. He is much like Booth & no better - an excellent actor but no more than that. Such, at least, is my conviction & Mr. Sawyer feels the same about it. Home by 5.30. "Ayala" reading this even.

Cambridge.

Ther Thursday, Feb. 12, 1914 Wea
-13°, +6°, 0° Coldest in 18 years Clear

Clear with high N. W. wind. "Coldest day for eighteen years" according to Bos. Transcript which gives -11° for Boston, -24° for Cambridge's Corner, Brookline and -20° for Concord as the minimum records for last night. The strong wind greatly accentuated the bitter cold. Despite both our house & the Museum has been delightfully warm throughout.

In Garden heard call of a Chickadee & saw 3 Crows on wing - but naught else.

Spent forenoon revising Tish Harold Story. C. copied fourth of it & off the Sparrow Harold Story.
Got to work, just after luncheon, on a Squib for Bird Lore inspired by what Turtles said in its late number about the voice of the Titmouse & expressing strong admiration for his glowing tribute to its song. Stopping gradually. Turned over this until 6, writing about page. "Ayala" read by C. & E. in hall this even as usual.

Cambridge.

Friday, Feb. 13, 1914

Ther 4° +10°

Wea Fine

Brilliantly clear & so nearly windless that it did not seem cold despite the continued low Temperature.

In the Garden heard a Jay & a Thrush. Sparrows Calling but noted nothing else – not even a Chickadee.

[Thrushes started from nest by Percy, 5 P.M.]

The writing went well to-day. I began on the Orals and composed four pages relating to them, finishing what little there is to say about the Long-eared Owl & getting a longer Short-eared Owl story fairly started. No one came to interrupt me but I had to write two letters. C. & E. were out with me at luncheon but I have just dressed alone in the den, they having gone to their Ben. They have just decided to sail for England in the Franconia from April 15. I am thinking a little of going with them but probably shall not

As Percy Harris was releasing Mrs. Brown-Potter's pheasants absent 5 P.M. the Brown-Potter flew from the bird-pen by the door into the library & did not learn of this until dinner time when Percy told us of it.

Cambridge.

Saturday, Feb. 14, 1914

Ther 34°, 24°

Wea Snow Storm.

Snowing hard at daybreak. Trees already loaded with damp, heavy snow. About 10 inches had fallen by noon when it turned to rain which fell in sheets for an hour or two. After that a north wind sent the temperature down again. Sky clear at 10 P.M. with Ther. 24°.

No birds of any kind seen or heard.

Spent forenoon fussing over the 4th. composed yesterday revising or rewriting several of the paragraphs. In afternoon added a couple of pages to Short-eared Owl story basing this matter on notes written years ago at Tyngsboro.

C. & E. stayed in all day. We had the usual reading of "Ayala" in the hall this evening. Gilbert made his customary Saturday morning trip to Concord for chickens & eggs. Bordwell met him & reported everything going well.

Cambridge.

Ther 12°, 20°, 10° — Sunday, Feb. 15, 1914 — Wea Fine

Clear & cold with light northerly wind. Fine sleighing.

In Garden:- 3 Chickadees at suet, a Blue Jay in Catalpa, 3 Crows flying low, 3 (♂♀) Downy Woodpeckers together, one in a yard of one another, in Baldwin apple tree by Libbeus. All these birds were seen shortly after breakfast. The 3 Downy seen eating suet in Catalpa some time at later.

Spent forenoon in Museum writing letters. Stayed away from church because of bronchial cough which is still troublesome although gradually lessening. We had at dinner Miss Allyn, Miss Carrie Peabody & Miss Fannie Emery. The stayed until 4.30 P.M. Dick Dana called shortly after this, staying about an hour. We had a good talk largely about his father & "Two Years Before the Mast". C. & E. read Ayala to me this evening.

Cambridge

Ther 0°, 16° — Monday, Feb. 16, 1914 — Wea Snow Storm

Cloudy & cold. Snowing all day, fitfully in forenoon, steadily towards night, five or six inches in all.

Heard a Blue Jay calling in Garden. Thrasher started from bush at S.P.M. by Gilbert. In forenoon revised several pages on Owls for C. to copy & afterwards. Wrote a couple of pages on the Long-eared Owl in P.M., adapting most of it from notes in Journal, however. I find it much easier to do this than to compose without such assistance for the thoughts are already expressed even though the wording must be wholly changed, as sometimes happens.

We had Miss Balch at luncheon C. & E. read to me for half an hour after dinner. Nuttall Club after that. Townsend read August notes for 1913 in Ipswich dunes: "Odds & ends" Conclusion to Journal of no Cotuit & Members present.

Cambridge.

Ther 8° Tuesday, Feb. 17, 1914 Wea Fair

Clear, cold, calm with dry freezing air like that of a winter day at Bitter.

A Jay; a Crow & a Hairy Woodpecker seen in the Garden.

Spent day in Museum working on Long's card Bird Story. Relisted 3 pp. compiled from journal entries relating to behavior of birds with young as observed in Belmont in June, 1874, & in Concord in June 1886. This matter is brought in to supplement observations made at Bath Hungary on which is thrown needed light.

C. first on snow-shoes this morning & tramped about for half an hour through the Garden & Jungle while I stood on the plank walk watching her.

We had at 7 o'clock dinner a "Bunch" of Parsons — Dr. & Mrs. Hodges, Fred & Mrs. Allen, Robert Walker & his wife. They departed between 9.30 & 10. 15.

Cambridge.

5 Ther 4°, 34° Wednesday, Feb. 18, 1914 Wea Fair.

Forenoon shining, afternoon cloudy. Calm. Early morning cold. Fair sleighing. Automobiles mostly laid aside.

A Jay & a Crow were the only birds that I noticed about the place. The Brown Thrasher was seen by Gilbert in the lilacs early in the forenoon. Percy saw it shortly before sunset at first in a hawthorn apparently eating a bit of bread, then flying with the pain grain in the Jungle where, I suspect, it was intending to spend the night. Perhaps it has roosted there regularly either not in the vine on the Museum.

At my desk in Museum all day. Added two pages to Long-eared, & two to Short-eared, Bird Story; all this matter being compiled from journal. C. went to day shows this forenoon. I wanted to but could not leave my work. C. & E. went to see Ann

Cambridge.

Ther Thursday, Feb. 19, 1914 Wea
Snow Storm

Snowing all day, thick & fast at times, to a total depth of about 10". Altogether there must be at least 15" on a level now, including what has been before & not melted. The trees & walls loaded & thin branches fell aslant with it. It is exquisitely clean & spotless about our house.

I saw the Thrasher in our lilacs this forenoon. He looked dishevelled & dispirited & flew feebly. I thought no other birds appeared except a Jay & a Crow.

Spent forenoon revising sheets of Long. card Owl Story as C. copied them. Wrote three more pages for Short. card Owl story after luncheon. C. tried her snow shoes again this morning tramping about through the Garden & Jungle. She has gone this evening with Mary Deane to see a play called "The Mollusc" at Bradlee Hall.

Cambridge

Ther Friday, Feb. 20, 1914 Wea
Fair.

Partly sunny, partly cloudy, not cold but chilly, according to weather bureau report the snow is 22" deep on the levels at Blue Hill to-day — deeper than at any time since the winter of 1904-5.

A Crow & a Blue Jay were the only birds seen about our place to-day.

Spent forenoon revising & rewriting pages of Short card Owl story. Added a page or more to it after luncheon. Came into town at 4.30 to help C. entertain a lot of her friends — all ladies — at afternoon tea. Upward of twenty. Capen including most of the members of the Reading Club of former years, but discontinued this winter.

Alvey got back from Naples last night. I called to see him this evening

Cambridge - Boston

Ther 10°; 32°, 12° Saturday, Feb. 21, 1914 Wea Fine

Clear, calm, frosty. A perfect winter day.

The Brown Thrasher was seen in the Lilacs at 8 a.m. by Percy and flying into the fields in the Jungle at 5 P.M., by Gilbert. As Percy was coming to feed his furnaces about sunrise he heard Crows making an uproar in Hubbard Park & entering it found them mobbing a Screech Owl which was perched in a Norway Spruce just across Brattle Street from our front gate. I have not seen or heard a Tree Sparrow in our grounds for a week but a flock of 30 or more were feeding on horse droppings this morning in Mr. Auburn Street.

Spent most of day (11 - 3.45) in our Boston office making out Estate & personal Income Tax returns with Gallonpe. The law is so complex & ill-expressed that it is hard to understand.

Heard by 4.30 Starlings are heard on Shade and Oak Street before dinner.

Cambridge.

Ther 2°, 34° Sunday, Feb. 22, 1914 Wea Fair

Forenoon sunny; afternoon cloudy. Fresh S. W. wind. Although my thermometer registered 2° at sunrise last night it had risen to 32° by 9.30 A.M., a very remarkable change.

Heard Crows cawing at sunrise. Nothing else seen or heard about the place.

To St. John's at 10.40. Dr. Hodges preached a good sermon, using no notes, contrary to his usual custom. C. & I walked up together to the Sterling Fields & Main Street.

Alice Allyn & Sally Dearborn dined with us.

I wrote letters in Museum all afternoon. Thought day ended by 6 P.M. but got to work on Boyd Dow story, completing a page for it from Hubbard notes. We sat in the Higginson this evening & E. R. S. read "Boyden" aloud.

Cambridge

Ther 10°, 16°, 10° — Monday, Feb. 23, 1914 — Wea Fine

Clear & cold with light northerly wind.

A Chickadee for the Jays & a Crow were the only birds that visited our plaza to-day.

Spent forenoon in revising sheets of The Barred Owl Story for C. To copy & after they were were copied by her, she worked as usual from 9.30 to 1.

In the afternoon I compared two pages of fresh matter, relating chiefly to the various vocal utterances of the Barred Owl.

Also recorded a short note for Bird-Lore, relating to the voices of the Cinnamon and Blue-winged Teals, recently a rare species.

Miss Babb at Lincoln & B.S. Cole 4 P.M. train for Springfield.

C. read Agata to me this morning.

Cambridge.

Ther 0°, 16°, 10° — Tuesday, Feb. 24, 1914 — Wea Fine

Clear & cold with little or no wind.

From the Museum window at 10 A.M. I saw 18 Hoarse Redpolls & 3 Goldfinches hopping about actively over the surface of deep snow beneath a gray birch at edge of jungle. They were feeding on birch seeds which they must have previously shaken down from the tree & which gave the snow a brownish tinge. Part of the flock resorted every now & then to the birch to feed there awhile. They all remained through the forenoon. Only one of the Redpolls was a rosy-breasted ♂.

A Tree Sparrow, which may have joined unnoticed in the flock before noon, was feeding there quite alone all the afternoon. No one of these three species has been noted before, this year, in our grounds.

Worked all day on Barred Owl Story, completing 2 M. Galleys came out at 3 with revised copy of Inc. Jay. Return for me to sign, a mistake having been made with the first. I shall have to pay Uncle Sam $49. C. finished Agata this morning

Cambridge

Ther −1°, 26°, 18° Wednesday, Feb. 25, 1914 Wea 7 a.m.

Clear cold & round last

Two Ira Sparrows spent forenoon where the one was seen yesterday, feeding on seeds left there by Gilbert last evening. There were also two Jays screaming lustily, as they flitted hither & thither through the jungles, & a Crow cawing in the distance. As I stepped out at 2 P.M. this flight calls of Redpolls were heard but nowhere else. Cold dreary.

Worked about all day on Barred Owl story, adding 2 pp. & finishing it by 5 P.M. After tea wrote about half a page on Richardson's Owl — all there will be to say.

Miss Swazey lunched with us. C. & I dined by ourselves. She read aloud to me 8.1.30. "We Two" at Townsends. My cough kept me at home

Cambridge.

Otter shot in Buzzards Bay last December

Ther 10°, 36°, 26° Thursday, Feb. 26, 1914 Wea 7 a.m.

Clear & Calm with steadily rising temperature. Snow melting fast in afternoon. There is still the very best of sleighing, however.

The Thrasher was seen in the lilacs by both Percy & Gilbert about 4 P.M. Shortly after this I saw a Chickadee, a Horn Sparrow, 2 Jays & 2 Downy Woodpeckers, ♂ & ♀. A Crow heard.

C. copied the remainder of the Barred Owl story this forenoon. While she was doing so I wrote a short page each on Richardson's Owl & the Screech Owl and she copied this matter, also. In the afternoon I wrote a scant page on the Snowy Owl & began a Sora-Wheat Owl story, blocking out the first page.

C. & Dorsey 7. on Howe Shore 2.15-2.45. At 3 a young man called bringing the skin of an Otter shot last December in salt water off Coffins Beach, Buzzards Bay

Cambridge.

Friday, Feb. 27, 1914

Ther 18°, 42°

Wea Fine

Clear calm & mild with brilliant sunshine which melted the snow fast.

The Thrasher seen in Lilacs by Percy & Gilbert at 9 a.m. I saw only two Jays. As Gilbert was walking up Brattle St. shortly before 9 he noticed some people looking at a Shrike perched in an elm directly in front of Longfellow house. Borrowing a glass from one of them (Mrs. Dennis) he had a good view of the Shrike. It remained on its perch for upwards of five minutes singing all the while. Some boys afterward reported finding a Sparrow which had been killed & impaled, no doubt by this Shrike.

I worked all day on Saw-whet Owl story, rewriting the pages written yesterday & composing about three more pages. Somewhat alone, C being in Boston. She read aloud to me from 8 to 8-30 this evening.

Cambridge.

Saturday, Feb. 28, 1914

Ther 20°, 44°, 36°

Wea Fair

Sunny, calm, mild. Clouds gathering in late P.M. Snow waiting for it.

Percy started the Thrasher from the vine by Museum door at 5:30 P.M. although doubtless in looking it over there it did not return.
2 Jays, a Horned Sparrow & a Crow were all the birds I noticed.

The Saw-whet Owl story went fairly well to-day for I added two pages to it after rewriting the whole of the short Snowy Owl story. It begins to be doubtful if I can finish with the Owls this spring for the Great Horned & Hawk Owls remain to be done after the Saw-whet have been dealt with and C. has decided that I must leave the house by March 16.

Mr. & Mrs. Brown called at 2 P.M. to photograph me. They stayed half an hour.
C. read aloud to me this evening.

Cambridge

Ther Sunday, Mar. 1, 1914 Wea Stormy.

Heavy north-east storm with a full gale blowing at times and rain driving ceaselessly before it, carrying off most of the snow & flooding the slush-clogged streets.

No bird of any kind noted.

Met C. at St Johns at 10.40. Dr. Hodges preached an excellent sermon. As it was followed by Communion to which C. stayed I walked home alone.
We had at dinner Kitty Frick & Harry & Alice Bartlett. They stayed until past 4. Miss Allyn could not come & E.R.S. is still in Springfield. It was rather an "off day" for me as I felt indisposed & did no work save write two or three letters. C. read to me this evening from Trollope's "Warden."

Cambridge.

Ther Monday, Mar. 2, 1914 Wea Fair

Thin clouds & some sunshine. Calm & mild. Raining at 10 P.M.

Heard a Chickadee in Garden. Saw Thrasher in vine by Museum door at 5:30 P.M., not exactly on the perch he has invariably used when there before, but some six inches higher and a little further back in the vine. Percy saw him in the lilacs earlier in the day.

I worked all day on Saw. Wrote first story adding almost 4 pp. of fresh matter largely copied from original notes. Also did a lot of revising of short type written by C. in the forenoon. I ought to finish with this Species to-morrow & then there will be only two short left to do.

Nuttall Club this eve. Bigelow gave Lantern Slide show (very good) of Cambridge Swans, Geese & Ducks.

Cambridge

Ther Tuesday, Mar. 3, 1914 Wea Dull

Cloudy, calm, mild with a little fine, drizzling rain.

Shortly before I came down to breakfast Percy saw the Thrasher on ground under Parkman apple tree & in this tree at that time no less than 5 Blue Jays. I heard Jays screaming later & saw a Junco flitting through the lilacs.

Worked all day on Sam-what Owl story adding 3 pp. & practically finishing it although I may have to spend most of to-morrow revising it as it is hastily written and crude, no doubt, in spots. Very much of it has been compiled from journal passages but this has required lots of thinking.

E. R. S. returned from Springfield in time for luncheon. She & C. read aloud this evening.

Cambridge.

Ther Wednesday, Mar. 4, 1914 Wea Fine

Clear, calm, mild. Ever-increasing patches of bare ground have been showing for several days. They multiplied & broadened rapidly to-day but have not as yet begun to equal in total extent the surfaces still covered with ice & snow.

Several House Sparrows invaded the Garden to-day, chirping rather noisily and inquisitively. It has been but little of their presence during the past two months. The only other bird noted there to-day was a Hairy W.

I had expected to spend some time revising the Sam-what Owl story to-day but had not anticipated that it absorb my attention from 10 A.M. to 7 P.M., as has proved to be the case. Nor have I quite done with it yet, unfortunately.

E. & E.R.S. treated me to the usual evening reading, first of the Manuscript, then from Trollope's "The Warden".

Cambridge

Snow drops & yellow crocuses blooms on Farm St

Ther Thursday, Mar. 5, 1914 Wea

Judge Abbott calls. Fine

Clear & mild with light N.W. wind. Slight frost last night. Percy reports seeing a whole bed of snow-drops & yellow crocuses in full bloom in front of Robert Morrison's house on Farm St. The maid said they began flowering two or three days ago. We have not yet noticed only a Jay & 2 House Sparrows.

Worked most of day on final revision of Sam. what Owl Story. C. typed off the last of it in forenoon. At 4 P.M. I began Hawk Owl Story & wrote the first page of it before 7.

Judge Abbott called at 2 & stayed until 4. He thinks Haley is not making good & believes the new Principal should replace him ere long. He says the Wolfeboro people want a Soldiers' Monument & suggests it be erected in front of the town hall. I said I should be inclined to agree to this if, on looking at the proposed site, it seemed suitable from all points of view. Gilbert motored C. to Wellesley in P.M. to inspect a boarding kennel. It seemed very satisfactory.

Pleiades & 3 mean spraying one then sulphur & lime - sulphur for San José Scale

Cambridge

Ther Friday, Mar. 6, 1914 Wea Stormy

Snowing thick & fast from 10 A.M. To 4 P.M. About four inches of damp heavy snow fell, loading all the trees & even their lesser twigs.

Saw a Chickadee & heard a Crow and a Jay, all in the Garden

Worked all day on Hawk Owl Story. First rewrote & considerably expanded the crudely written 9 pages done late yesterday and then added three fresh pages based on matter in the journal and hence not different to recomposition. Kept at it ceaselessly until almost 7 P.M. It is surprising how well I stand this ceaseless daily strain of seven or eight hours, getting no fresh air & taking no exercise. As far as I can see it has told on me not at all this winter.

C. in town most of day. She & E. R. S. read aloud in hall this evening. Parlor & huge open fire closed in for the

Cambridge.

Ther Saturday, Mar. 7, 1914 Wea Dull.

Cloudy, calm, mild. A few snowflakes falling every now & then.

A Flicker shouted twice in the lindens at 7.30 a.m. It was the first sound of spring for me. His voice was full & loud but his calling briefer than normal. 2 or 3 Chickadees & as many Blue Jays visited the Garden after breakfast.

I worked on Hawk Owl story all day adding 3 or 4 pp. & almost going through to what is likely to be the end. There will have to be a good deal of revision, probably, & perhaps another day devoted to this. I am doubtful now, about calling the only remaining Owl, the Great Horned, partly because there will be reason then to write all that must be said, partly because I am very tired. At least two full days will have to be given to other things before the end of regular work.

Cambridge.

Ther Sunday, Mar. 8, 1914 Wea Fine

Sunny but hazy; calm, mild. Snow going fast & bare ground showing again in spots.

2 Jays & 3 or 4 Hermit Sparrows in the Garden. 3 Crows flying over it.

Met C. at St. John's at 10.20. Walked down with Lowry Fuller Dr. Hodges absent. Fairly good Sermon by one of his assistants. Music very beautiful. Walked up with Robert Weston (Smith). He says the Otter whose skin was brought him the other day was shot by his son in Westford Mass., the extreme northern township of our State bordering on Brewsters Bay. We had Mrs. Edward Wyman, Miss Barr & Miss Abbe at dinner. C. & I. left soon after it to attend funeral of Mrs. Wm Goodwin who died on Friday as did Ned Bartlett of Concord. Dick Dana called at 4 & stayed an hour. Two attractive boys from Georgia came at 4.30. I asked them to return on Wednesday

Cambridge.

Ther Monday, Mar. 9, 1914 Wea 7 am

Sunny, calm & mild turning to cold with high N. W. wind towards night.

Saw 5 or 6 House Sparrows & heard Crows cawing. Birds seem to have been fewer in number & variety about our place of late than they were early in the month

Worked most of day on Hawk Owl story revising and elaborating it as C. type-copied and adding almost two pages after she had finished. About 4 P.M. I began on Great Horned Owl story & got down crudely more than a page or three. I had not intended to start it now but the temptation cannot be resisted.

Gilberts motored C. to Arlington Heights & elsewhere in P.M. She & E. R. S. read aloud to me this evening.

Cambridge.

Ther 18° Tuesday, Mar. 10, 1914 Wea 7 am

Clear & frosty with brisk N. W. wind.

2 Blue Jays & 3 or 4 House Sparrows seen in Garden. Hairy W. calling there. Crows cawing loudly at Sunrise. A Flicker shouting long & lustily many times in succession about 9 a.m. Nothing seen of the Thrasher since the 3rd!

Worked all day on Great Horned Owl story. The first page did not hang well together and had to be wholly rewritten. Then I composed another page. Both will need page master; I trust, although not so good as I could hope. Somehow I was not in working mood to-day.

Went to the polls at 9 a.m. with C. & E. R. S. We all voted. They went in town after words. They have been reading aloud this morning in the hall.

Cambridge.

Ther Wednesday, Mar. 11, 1914 Wea
7 a.m.

Clear, calm, not cold. Snow & ice roasting away steadily & steadily. About half our plain bare ground. Streets & sidewalks mostly bare & dry.

Garden birds:- 1 Chickadee, 4 or 6 House Sparrows, Crows (hd.) 2 Jays, Hairy Woodpecker (hd.)

Worked whole forenoon on Great Horned Owl story rewriting first page although I had thought it finally finished. Afterwards composed another page of fresh matter.

The little Hardy boy from Atlanta, Georgia, who called last Sunday reappeared at 3 P.M. today to see my collection. Although but 12 years old he is more intelligent than half the men I know, as well as amazingly well informed & cool mannered. He was with me until 5 P.M. E. K. S. at home for night. C. read proofs to me after supper. She is laid up by lame foot.

Cambridge - Boston.

Ther Thursday, Mar. 12, 1914 Wea
7 a.m. First snow drop for us. 7 a.m.

Clear, calm & frosty, with crisp, dry air. Altogether a very delightful day albeit somewhat wintry. The first snow drop flower showed itself on the bank in front of our house this morning.

Garden birds - 1 Chickadee, several House Sparrows, a Jay (hd.), a Crow, a Flicker (shouting) and a Hairy Woodpecker (at suet in colander).

Worked all forenoon on Great Horned Owl story, revising & rewriting it as C. types - worth it. It is a rather poor bit of composition thus far, I fear, perhaps because I have tried over-hard to make it better.

Had to go in town after lunch. Spent 2 hours at office signing quarterly charges & the transfer of a mortgage deed. After that went to Arms Plough Co. & bought $50. worth of farming things, including hand cart. Home by 6. E. K. S. read aloud this evening.

Cambridge.

Ther Sunday, Mar. 15, 1914 Wea Fine

Sunny, windless, very mild & Spring-like.

Crows cawing lustily at sunrise,
Flicker shouting long & loud at 9.30 a.m.
a dull-colored, immature looking Northern Shrike eating a House Sparrow in Parkman's apple tree at 10.30.
W. Deane & I watched it tear out & take off into jungle a small piece of red flesh which we then thought to be one of the tiny apples. It soon came back for a large fragment which it carried off to the woodbound in its bill. By that time we had made out the Sparrow. Going to it later I found little left save tail, wings and legs in the fork of a twig worth both severed wings on ground.

Spent most of day in Museum.
Felt too exhausted to go to Church.
C. went down. Walter called at 10.
Miss Allyn dined with us at 1.30.
C. & E. R. S. read Barchan in Dawn this eve
I wrote a few letters in A. M. & P. M.

Cambridge.

Ther Monday, Mar. 16, 1914 Wea Fair

Cloudy & mild but chilly with light north-east wind.

Crows cawing at sunrise.
2 Jays in lilacs.

At 10 a.m. Gilbert motored me first to City Hall, where I took out a gunner's license, and thence to Museum Comp. Zoology where I spent the remainder of the forenoon with Hersthorn and Boags. Also saw Barbour but missed seeing Tarbox who had gone out to lunch with whom I reckoned his income. Gibbs, meanwhile, motored in town & deposited $400. for me in Suffolk Savings Bank. He took me home in time for lunch. Spent P.M. in Museum doing various things. Nuttall Club meeting this evening. Fine paper by G. M. Allen on color patterns in mammals & Birds. Very good attendance.

Wadsworth - Concord.

Ther Tuesday, Mar. 17, 1914 Wea Mixed
First Wood Frog (1)

Windless & Mild but Chilly.
Forenoon Rainy; afternoon Sunny

In the Garden 1 Chickadee, 2 Crows; 2 Jays, 13 Hairy Woodpeckers hopping about together in an apple tree, bowing & dressing & making a prolonged succession of sharp & calls (same as mine) and a Flicker (shouting) all these noises between 9 & 10 A.M.

Gilbert brought up Ford car, 9 A.M. He took C. & E.R.S. to Harvard Sq. 9.30–10. I at 10.33 he & I started for Concord. It began raining shortly after & did not cease until noon. We went via Fresh Pond, Hills Crossing & Lexington Roads. Very bad, with mud & water. Did not see a trace of any kind. Stopped at Concord for supplies. Reached Farm at 2.15. No snow in roads, only a little in fields, patchy in woods. Rising all over Wadsworth & fine from sea. Walked about Farm in P.M. Three Spring Beauties Screaming of Red Shouldered Hawk, in Farm, Shouting of Flicker (1) Cackling noise of Wood Frog (1)

Saw 2 Red-tailed Hawks sailing majestically

Concord.

Ther Wednesday, Mar. 18, 1914 Wea Stormy

Snowing hard all forenoon making about 2 inches. Raining all afternoon; ground still covered with slushy snow at nightfall. Entire day dark & dreary. Several heavy peals of distant thunder during height of snow storm in forenoon.

Spent most of day in house working notes and transferring them from diary to Garden field book. Walked about farm for half an hour in mid afternoon. Had to step with caution because the thin layer of slushy snow made the ground very slippery. Saw 5 Juncos feeding on hayseed in front of barn at Bungalow. Two or three Crows flying about. Handsome cock Pheasant walked up driveway past our front door over fresh fallen snow, 10 A.M.

Concord (Farm)

Ther Thursday, Mar. 19, 1914 Wea Fine

Clear and cold with raging north-west wind. Ground hard frozen in early morn but surfaced with mud or water before noon for the strong sunshine melted most of the snow that came yesterday.

Birds exceedingly scarce. All I noted were a Jay, a Pheasant & 2 Crows seen near the house & Song Sparrow heard in Birch Field. If any migrants from the South have reached here as yet I have thus far failed to meet with them.

Spent forenoon in house copying Garden Book notes from diary into large ruled book. George Dalton called. I engaged him provisionally to work a month or so beginning next Thursday

Bradbank Zeph & I spent afternoon in Birch Field cutting brushes. It was shelbark & pleasant chopping

Concord (Farm)

Ther Friday, Mar. 20, 1914 Wea Fair

Forenoon partly & Calm, Afternoon Sunny with strong N.W. wind. Cold all day. Ins [illegible] of ground hard frozen & no water or mud [illegible] pastures

3 Tree Sparrows, one [illegible] Crowd, including the odd-voiced one that says Caw, Caw, Caw, were literally all the birds I noted although out-of-doors from morning to night. Heard at least two Red Squirrels.

All day in Birch Field, with Bradbank & Zeph forenoon & Zeph, only, afternoon. The men hauled all the brushes out yesterday to the deep hollow as I ordered one man dragged them. There are brushes, saw horses & chains, and two other trimmed them. I cleaned up & burned small brush. [illegible] Potter boys [illegible]

(Concord (Farm)

Ther 10°, 42° — Saturday, Mar. 21, 1914 — Wea Fine

Clear & cold with light N.W. wind. Sunshine very warm melting surface of ground in exposed places to depth of inch or more. Ice very dry & rotten.

Noted only four species of birds a. Brown Creeper in Willow Brook woods, a Partridge in Birch Field, a Jay in front of house, a flock of 15 Crows flying low west-ward at 7 a.m.

At 4.30 P.M. saw four Gray Squirrels eating flower buds of an elm in the top of a tall tree by orchard & among the finest lowland twigs

Spent day in Birch Field taking record, root and burning great quantities of woodland debris chiefly small. Sticks & fern woodland, with exception many branches & cast off dead leaves. Ben Hawk worked all day with Potter, pasture.

(Concord (Fair & Ball's Hill)

Ther 24° — Sunday, Mar. 22, 1914 — Wea Clear

First Song Sparrow.

Freezing cold day, at times thick & fast [illegible] of a mallet when it struck the ground. Dead calm.

First Song Sparrow in Thoreau's garden front of house, 1 P.M., chirping This with a few Crows & a Hawk observed in Hapgood's field were all the birds noted on the Farm.

On Fair Hill 1 Chickadee & 2 more on Ball's Hill with Gull soaring high.

On Haldam's Hill 2 Hairy Woodpeckers (probably a mated pair) & 1 Red Shouldered Hawk soaring long & widely near chestnut allée. Nest there located small & very dilapidated. In Hawk's meadow 2 Blue Jays & a Tree Sparrow.

Walked to Ball's Hill in a.m. (10-12) via Hosmer's, Fair Hill, & having via Haldam Hill & Hawk's. Nests open & not needed were carried inside Field Cutting &c. Everything which could not be [illegible]

Hawk Cutting on P.M.

Concord (Farm)

Ther Monday, Mar. 23, 1914 Wea Mixed

Forenoon sunny but hazy. Afternoon cloudy with snow squalls whitening ground & trees. Light, variable winds. Mild but chilly. Surface of ground muddy at noon.

Bird birds noted 1 Crow, 6 Robins Br. Meadowlark* (near Pulpit R.), 4 Juncos (west of Bittersweet), Hairy Woodpecker (in orchard) a few Crows & 3 Ring Pheasants. Two. Last named birds in or near Green Field crowed regularly every time the report of a distant heavy blast was heard.

Spent day in Birch Field with Blackburn, Teph & Benedum. We cut a large number of bushes & Teph loaded all the wood and to the road. Raymond has bought it @ $3.50 per. Cord. Sold 5 cords of oak to Mrs. Hosmer @ 3.75. Saw female Rabbit (Apple) in Pulpit Rock woods & Birch Field.

Concord (Farm & Ball's Hill)

Ther Tuesday, Mar. 24, 1914 Wea Fine
First Moth.

Clear Calm & for the season, warm Altogether a very Springlike day.

Continued general scarcity of birds and total absence of all except winter resident species. I looked & listened in vain for Bluebirds, Song Sparrows, Red-wings & other early birds. The only bird song heard was that of a Shrike singing incessantly with one of Bensons apple trees, 4.30 P.M. Saw large gray moth on wing.
(2) Chickadees, a Tree Sparrow, a Red Shouldered Hawk & 2 or 3 Sapsuckers (in river off. cabin) at Ball's Hill, the Shrike & a solitary Tree Pipit near Benson's, 4 Partridges in Birch Field, a Hairy W., a Jay, several Crows & 2 Pheasants (hd.♂) at Farm.

Spent forenoon with Teph & Geo. trimming trees near Lane.

Bradford A. Scudder dined with me. We walked to Ball's Hill in P.M. He returned to Boston by 5.45 train. His is new Sec. Mass. Fish & Game Pro. Ass.

Concord (Farm)

Ther Wednesday, Mar. 25, 1914 Wea Fine.

Sunny & warm with alternating periods of calm & light S. to S.E. breeze. Ground hard frozen at 6 a.m.

First Bluebird, Crow Blackbirds & Sparrow Hawk.
Bluebird warbling near barn 5.30 a.m.
Call note heard later. Gilbert saw flock of Crow Blackbirds flying high N. at 8 a.m. Sparrow Hawk pursued on Apricot Spray big elm in dooryard 7 a.m. Straggling northward flights of Crows 8-10 a.m. Some passed directly at immense height. I had no more than 3 or 4 in sight any one time. Saw upwards of 30 in all thus migrating. Muskrats & Chickadees & finches singing. Phoebe arriving. Shrike on elm one large Red-shouldered Hawk screaming.

Dexter & I mow Spraying fruit trees with Lime-Sulphur. Burbank & I worked all day pruning apple trees. Gray Morning Catch.

Concord (Farm)
First Butterfly.

Ther Thursday, Mar. 26, 1914 Wea Fair
Gen. Arrival of Bluebirds

Forenoon largely cloudy; afternoon clear. Very warm with light S. wind. Snow & ice disappearing fast & only little of either left anywhere in open places.

First Blackbirds (heard everywhere I went, all day (a.m.) Before had called from house & in Beech Field by me; Dexter heard one call yesterday & one sing this morning at Concord). Flock of 8 Jamies near house. Dexter heard several Song Sp. near Concord yesterday & to-day but these were rarer here. First Butterfly (a large ragged winged brown one) Honey Bees out. First Dandelion drops.

Spent day in Birch Field cutting out trees & cut a good many branches. Burbank had to leave at 11 to go to Concord to meet boys who came from our office with Mortgage transfer for me to sign. Dexter came down to dinner & stayed with me afterwards in Birch Field

Concord (Farm)

Ther 72° Friday, Mar. 27, 1914. Wea Great inrush of Spring birds. Fair

Sun shining feebly — or not at all through thin clouds. Light & fickle S. to W. winds. Very warm all day. First Phoebes, Cow-birds, Rusty B., Starlings, 3 Red wings, Floods of Robins, Bluebirds & Song Sparrows. First Ameiopa Butterfly. First coming out fast & mud under foot everywhere. When I stepped out our front door at 7 a.m. I heard Song Sparrows singing fast & near on every direction. A moment later 5 Robins flew past & shortly afterwards a flock of (15) alighted in an elm. All the while a Phoebe was singing in our dooryard. Finally a Robin sang long & gloriously. Then 10 Robins together. Early Chickadee & Nuthatches sang. Then I heard & saw Cow-birds & heard a Rusty. Later still saw (3) Red-wings & (2) Starlings on wing. Red-shouldered Hawks all day. Darkeys finished Spraying. I was with him all A.M. about Farm & in Barn. Field Burning South with very many 3 men on P.M.

Concord (Farm)

Ther Saturday, Mar. 28, 1914 Wea Stormy

Cold north-east storm with rain of falling sleet & fast all forenoon & snow all afternoon. The snow melted as fast as it struck, however, scarce whitening the ground or trees.

Two Juncos & a Song Sparrow, feeding on seed on the flower bed in front of house, were all the birds I noted, while looking out of windows at intervals through day all of which I spent indoors. In forenoon Gilbert & I made a general re-arrangement of pictures & other things on the back hall. In afternoon I wrote letters & cheques. There was little to tempt one out, for it would be difficult to imagine a chillier or drearier day.

Concord (Farm)

Ther Sunday, Mar. 29, 1914 Wea Dull.

Cloudy with chill N.E wind. Snow to depth of inch fell last night & covered all the land. This morning but washed away during the day.

2 Tree Sparrows (the first) 4 Song Sparrows, 3 Fox Sparrows & 16 Juncos feeding together on hemp & millet seed strewn on the ground in front of our house. This happened about 4 P.M. There were only 3 Juncos & 2 Song Sparrows this visit morning. They left in company as day wore on up to time just mentioned & after that scattered & disappeared.

Spent most of day in house writing letters & cheques & copying bird notes. Called on the Howes at 4.30 seeing Mr, Mrs & Miss Howe & staying about an hour.

Concord (Farm)

Ther Monday, Mar. 30, 1914 Wea Stormy

Dreary day with rain or sleet falling ceaselessly from leaden skies and a piercingly chilly N.E. wind. Everything encased in a thick coating of clear ice in early morning but this melted or fell from the trees before noon.

The seed bed in front of house was visited at frequent intervals throughout day by Tree Sparrows (4), a Fox Sparrow, Song Sparrows (4), & Juncos (20). The Fox Sparrow sang gleefully now & then. One was a partial albino, having almost the whole back part white & some white on crest wing coverts but otherwise it was normally colored. Besides the Tree Sparrow I saw no birds save a Pheasant and 2 Crows.

Spent most of day in house writing letters & bird notes. Short walk in late P.M.

Concord (Farm & Ball's Hill)

Ther Tuesday, Mar. 31, 1914 Wea
Fine Hyla. Fine

Brilliantly clear with moderate northerly winds. A perfect day.

8 Tree Sparrows (including partial albino) 7 or 8 Juncos, 3 Song Sparrows & 1 Fox Sparrow visited feed bed frequently during hours at frequent intervals throughout day. Tree Sparrows singing a little. Phoebe back again & in full song after this day otherwise. Robin singing well at Sunset. Nuthatch on Sunset.

Red-winged Starling back again singly over Concord River meadows & Lyster & above Ball's Hill singing shortly after 5 for half an hour before Sunset. Tree Sparrow flocking this

Spent forenoon on Farm. Put up shelf at east end of hayloft & had Teph and Georgie Cross at Kelleher's. Lyster dined with us. We all went to Ball's Hill in P.M. Ripples in Cisterns on Good Complexion. Rivers in full flood again

Concord (Farm)

Ther Wednesday, April 1, 1914 Wea
First Tree Swallows Mixed.

Forenoon fair with rising S.E. wind & increasing cloudiness. Raining by 3 P.M. & afterwards. Mild but chilly

It was dead calm with fine smoking when I first stepped out doors at 7 a.m. The air was filled with delicious bird music. Mostly of Bluebirds, Tree Sparrows, Song Sparrows & Juncos. The Tree Sparrows sang gloriously & abundantly all day long in this Forsythia thicket in front of house, staying frequent visits to the feed bed. Juncos and Bluebirds too are counted 20 of them at once. Both there were 10 Juncos, 2 Tree Sparrows & 2 Song Sparrows. All S.A.E. I heard Tree Swallows & looking up saw 2 flight ins air otherwise around & around still. In bird apparently prospecting.

Spent forenoon with Benthook fastening up bird boxes. In P.M. we pressed specks & flowers. Then C. got back to Cambridge this P.M. I talked with her by telephone & with F.R. Fahring at Harvard Farmers'

Concord, Boston, Cambridge.

Ther Thursday, April 2, 1914 Wea Mycloudy

Early morning sunny, cloudy by noon, raining before sunset, snowing after dark.

As Gilbert & I were at breakfast the Fringillina flock were on theirs in the dead beech, with some birds even in song in the neighboring thickets & then the air rang cheerfully with scraps out bursts of Fox & Tree Sparrows music. In driving to Concord through deep mud I took 8.06 train to Boston & on arriving went to Touraine where I found Bringhurst & Upson but not the Gehrings who had gone to their steamer, the "Cedric" (White Star). Thither I followed & had nearly an hour with the Doctor sitting on deck of ship. She sailed at 11. I returned to Boston, spent hour, an officer & three came out to Cambridge where I found C. & E. at dinner. Had hair cut & read letters in P.M. Reading aloud in evening. Snow drops in fullest bloom. Ca found Crocuses

Cambridge. Boston

Ther Friday, April 3, 1914 Wea Fair

Forenoon cloudy; afternoon sunny. Cool with fresh northerly winds.

In the Garden 2(♂♀) Robins, 4 Juncos, a silent Fox Sparrow, a Song Sparrow singing freely but hesitantly, a Jay, 7 or 8 Crows Blackbirds, 10 or 12 House Sparrows. 2 Crows.

To Boston to meet 9.30 a.m. appointment with Dr. Blake who made critical examination of my ears. He finds the right one almost if not quite as good as ever. The left one least to be freed from much hardened wax (a painful operation) after which it proved, when tested, to be by no means as dull as we had both expected. All these conclusions were not guess work but based on results obtained by comparing tests made To-day with those made at intervals for many years back of which Dr. B. had preserved the records.

Home by 11. Spent rest of day working letters, charges and my annual retrieval of last year's property in C. & E. Grand Boardwalk Towers. Lord was

Cambridge - Boston - New York.

Ther Saturday, April 4, 1914 Wea Fine

Brilliantly clear with bracingly cool N. W. wind. Grass fairly green in lawns.

In the Garden 2 Robins, a Chickadee, a Tree Sparrow (ô ♂), a Song Sparrow ♂, ô Juncos, a Jay, a Crow, a Hairy Woodpecker.

Starting just after Breakfast C. & I motored to Mt. Auburn taking down crocuses & Snow-drop flowers folmelled in front of Museum to put on Henry Purchis's grave. It was sunny & peaceful there under the big oaks.

I spent remainder of forenoon packing trunks & writing letters. At 1.40 P.M. met C. in Faculty Room where lunch was after dining there together we went to North Bay Station where she took car off on 3 P.M. train for New York. Thick mist & hazy. No breeze on the marshes Country dull & soggy with scarce a tinge of green save on sunny banks. Saw Bluebirds, Red-wings & Gulls. New York at 8.43. Murray Hill Hotel for night

New York - Washington

Ther Sunday, April 5, 1914 Wea Fair

Forenoon cloudy; afternoon sunny. Cool with light N. W. wind.

Breakfast at 9. Left 11.05 train for Washington. On it found Arthur Chadbourne & his wife with whom I talked most of way. We dined together in dining car. Little change in general aspect of country until we reached Baltimore when the grass was very much greener. Spring backward at Washington when the only flowers in bloom in city parks were crocuses, daffodils & early Forsythias. Trees barely unfolding. Fine Bluebirds near Washington. Meadow larks & flocks of Red-wings all along the way. A flock of 200 Bluebills 3:30 p.m. from train near Washington. Henry met me at Washington Station. We found coming in his motor talking

Washington

Ther Monday, April 6, 1914 Wea F'ine

Clear & cool with light northerly winds.

To Dr. Castleton's office at 9. He found a large basal tooth in Bad condition & had to drill & extract the nerve at once. Also a "bridge" is loose & must be repaired & new replaced. Left his place at 8.55 & hurried to Cosmos Club Room, where we held our annual Council meeting 10.30 - 12.30. Thirteen present - Allen, Chairperson, Baketel, Brewster, Doolittle, Elliot, Hereford, Richmond, Shaw, Fisher, Mearns Sage, Nelson.

At 2 P. M. we sat down to a delicious lunch served by Cosmos Club. After it several of us lingered in the lower rooms for half an hour. Henry & I got back to the Ontario by 4.30. We dined there at 7.

By 8 we were at Ebbitt House to attend business meeting. 24 Fellows present.

Washington

Ther Tuesday, April 7, 1914 Wea F'ine

Sunny most of day. Very warm with light southerly winds. Apple trees leafing out. Peach trees, Forsythia Syringa & dandelions in full bloom: elms maples & poplars. Grass growing fast.

A clear-throated Cardinal in full song just under our window at 8 a.m. Englishe Sparrows singing in distance. Peabody birds, otherwise Brotherly. City screaming with Pamplin Grackles. Many Robins, also. but usually silent ones.

Henry & I breakfasted at 7.30 in Ontario. Table very good. I wrote long letter to R. Deane & then went to Nat. Mus. F'ishers did not begin marking until 11. Seton had first paper - on Hennicott & very good. I left at 12 lunched at Hamburgs & went on Dr. Castle's chair. He worked on me until 2 when I went to Cosmos & thence to Ontario, badly rushed up by griffin called. Gave up afternoon Annie Dunbar & Hyams coming with Henry on his horses. Dr. Mann called - Fine Mann

Washington

Ther Wednesday, April 8, 1914 Wea
S'tormy

Cloudy & warm with a Severe storm of very heavy showers.

2 Cardinals singing freely at Longbrook. F. Warblers, a Swifts Tit & a Chipping Sparrow later. Fish Crows heard occasionally.

To Dr. Castell's at 9. He worked on my teeth 2 hours. I then went to Cosmos Club, lunched there & then went on the dentist by 2. He filled another tooth & then took out a "bridge" put in seven years ago by Dr. Allen & in bad shape having corroded Gold. The operation of removing it was rather trying. Because of all this storm on my nerves and of the further distress occasioned by a heavy cold I did not get to the A.O.U. Meeting at all today. After leaving the dentists office at 3.30 I spent an hour at the Cosmos & then returned to Ontario. Nelson called on me this eve & stayed over an hour.

Washington.

Ther Thursday, April 9, 1914 Wea
V'ble

Clear & cool, south fresh N. W. wind, Dandelions in bloom everywhere. Many trees & shrubs green with unfolding leaves.

The City literally swarms with Purple Grackles. They have multiplied exceedingly within the last few years & are as familiar & flaunting in England although found on human taps, fixtures roofs etc and nesting on ivy-clad walls. I saw things everywhere between the White House & the Potomac.

To Cosmos at 9.a.m. Council met there at 9.30. Full attendance. Spirited discussion & amendments furnishing Members to vote and regulating nominations for Fellows &c. Business meeting followed, 22 present. I left at 12.20 & went to dentists rotunda I had 2 teeth filled. Back to Cosmos for lunch at 2. Fish meeting Nomn. Comm. had known Nat. News on P.W. Stuart Thayer 3 - 4.30. Mill Allen Thayer & Jones Pagan on F. 30

Washington

Ther Friday, April 10, 1914 Wea Fine

Sunny & cool with keen northerly wind.

No dentistry to-day. A. O. U. Committee meet in Biol room Nat. Mus. 9.30 - 1 & 2 - 4. Full meeting in forenoon & many cases decided with. Oberholser refused to discuss any pending or unfinished cases or to vote on them. I took him, Stone, Nelson, & Richmond to Harvey's for lunch. After afternoon session Nelson & I went to Temple of Inscriptions remains by Cook & Hewett many beautiful & wonderful moulds casts & facsimiles mostly from Africa. Some whole hundred Stelle from Yucatan Mex especially impressive Shall talk with Mearns. He has been very ill & looks badly still. Harvey & I spent much of the evening with Dr. & Mrs. Mearns on the apportionment. I bought a microscope of Swift for $30.

Washington

Ther Saturday, April 11, 1914 Wea Fine

Clear and rather warm through middle part of day & all morning but almost frosty in early morning.

To Dr. Casteel at 9 A.M. He kept me over an hour and filled a tooth or two. Thence to National Museum where the A. O. U. Committee on Nomenclature met for the third & last time. Stone & Dwight had departed but we still had Allen, Mearns, Richmond, Palmer, Nelson & Oberholser. We dealt with about half a dozen cases and adjourned sine die at 1 when Mearns took Allen, Nelson, Oberholser & me to Harvey's for lunch. I went back to Nat. Mus. & spent afternoon there Talking with Mearns, Cook, Oberholser, Riley & Brown. Took 7th St. Car with Mearns. He is in very frail health & looks it. Before reaching Ontario went to Park entrance & listened long to delightful whistling of a Cardinal perched on highest tree top. Harvey & I cooked this evening on Alice Stone & Miss Mearns in Richmond & Mearns on the Boulevard Sunny only forenoon

Washington.

Ther Sunday, April 12, 1914 Wea Fine

Brilliantly clear with fresh, cool N. W. wind.

Henry & I went by trolley car to the golf links this morning. I walked with him for a few holes & then off by myself down into a swampy bottom where a Polioptila, Song Sparrows & Field Sparrows were singing freely & many birds & birds. Frogs (Acris gryllus) were making their voices in a low, throbbing unmusical chorus. Not distinctly heard birds audible 300 or 400 yds. away. Killdeer & Meadow Larks out on grassy hills. Pine Warblers, Chippies, Bluebirds, Cardinals & 2 Carolina Doves singing in farm grounds. Returned about at 11.30. At 4 P.M. Henry & I went through the Zoo. Multitudes of people there crowding roads & houses. Cardinal singing near Rock Creek. Bluebirds & Field Crows. Carolina Ti. no Wrens. Home by 6.

Called at the Clarks this evening & met Mrs. C. for first time since High School days when she was Miss Charlotte Mary Olmstead. Stayed until 10.20.

Washington

Ther Monday, April 13, 1914 Wea Fine

Clear, calm, just pleasantly cool - a rose.

Cardinal singing freely in early morn. Robins plentiful on lawns but preening about silent. Have not heard one sing yet. Henry says they seldom sing vigilation advancing rapidly. Dogwood & Red bud in bloom. Spirea, lilac, & cotton thumbs in leaf bud, also. Horse chestnuts, Lawns sprayed with dandelion blossoms. Hyacinths & pansies in front blooms everywhere.

Spent forenoon in Biological Survey. Called on Howard, Fisher, Mc. Atee, Beal & Henry. Walked through Smithsonian filled with precious memories of the past but otherwise cold - night empty & undergoing various renovations. Lots of Grackles might finding in the big cotton trees. Lunched alone at Harvey's. North D. Capitol 1 - 2.15. Had Gilliard 2 hours Egg rolling on White House Lawns 2.30 Washington Eagles. immense crowds. Walking Class in Corcoran 3 P.M.

Ther Tuesday, April 14, 1914 Wea Fair

Forenoon sunny but hazy. Afternoon cloudy. Light, chill S.E. winds.

Went down town with Henry after breakfast. Parted with him at Capitol & then went to Dr. Castle's office. He scolded about an hour on my teeth. Gradually subsiding in 16th St. house kept the Johns Hay house. Lunched at Capitol. At 1.30 Messrs. came with the Chevrolet car & took me along. Rock Creek & Potomac Park Boulevard a delightful run which I greatly enjoyed. Swallows over Point. We reached Union Station at 2.50 & took 3.03 train for New York arriving at 6.07 & going to Murray Hill where I found C., E.R.S., Hartley & Emmy. Jim left for home at 9.30.

Ther Wednesday, April 15, 1914 Wea Stormy -

Heavy N.E. gales with violent winds & a deluge of rain in late P.M.

Spent most of forenoon in Murray Hill Hotel reading, writing & talking with C. Alice Stone Blackwell came to lunch & breakfasted with us but left for Rochester with Jim Trowbridge early in the forenoon. I went to Castle's for dozen English stiff wings for C. afternoon wear. Fanny Randall - arrived at 1 and then went off with E.R.S. to dine at the Emersons. C. & I lunched at 1 and at 2.10 started in taxicab for the Lyric Theatre where we saw an excellent play called "Truth". This theatre is the prettiest one I ever saw. We all went down Flairs for fun after noon tea chatting & conversation. It was pouring hard when we returned in another taxicab. C., E.R.S., Fanny Randall & I dined together at 7 & sat in assembly room until 9.30. Music & orchestra & fine music-room. Hotel running down to Omaha

New York – Cambridge.

Ther Thursday, April 16, 1914 Wea

C. & E. R. S. Said for England. Stormy

Raining in New York; Snowing or Sleeting at Boston. Intensely chilly with light northerly wind.

C, E. R. S., Fanny Randall & I took breakfast together at Murray Hill. After that we were busy with packing, paying bills etc. for half an hour or more. At 10.20 we started for the dock in taxicab. Reaching it we went aboard my good old White Star Liner, the "Lusitania". Everything about her very familiar to me & no attraction as ever. C. & E. had their fine large outer rooms. Only about 90 first cabin passengers. Will & Gina Simmons there to see us off. We left the boat at 11.30 & I returned alone to Murray Hill. Took 1 P.M. crowded Storm down train for Boston arriving at 6.07 in a heavy Storm. Gilbert met me at Station. Alice & Clarence at home with good supper & open fire blazing but it snowed terribly heavy & drifted. Barren outside with snow. Vegetation thoroughly Winter. & March. about as I left it on 4th

Cambridge.

Ther Friday, April 17, 1914 Wea Fine

Clear & mild with little or no wind.

In the Garden 2 Robins, a Song Sparrow, a Flicker, 2 ♂ Downy, one or two Grackles & Jays. Robins silent except at sunset when one sang shortly for half a minute in the Lindens.

Spent most of day in Museum working letters. Also went about Garden with Percy planning for his Spring plantings. Jim Watson called at 2 P.M. & stayed almost half an hour. Gilbert & his Ford car in town & had it equipped with an "automatic starter" at a total cost of $30.

I had breakfast & dinner at home but took supper with Mrs. Gatti & Lansing Flicker & afterwards sat Talking with them in their parlor until 9 o'clock. Vegetation very backward here. Crocuses, Squills & Chionodoxa the only flowers showing.

Cambridge - Concord

Ther Saturday, April 18, 1914 Wea

fine

Clear, calm, warm, altogether a perfect April day

In Garden & Nurseries, 3 Toy Sparrows & 2 Song Sparrows kept perfect Silence from daybreak to 11 a.m. despite the Serene beauty of the morning but at 11 Thatcher thawked, & Song Sparrows Commenced Loving resumed their

Gilbert & I got off in Ford Car at 10.15 & reached Concord Bridge 11.15

Countryside looking & seemed bitterly barren of birds life & beauty. I watched ceaselessly every field & orchard & thicket all the way yet saw only one small bird (a Sparrow) & one large one & saw about 20 ducks in Great Meadows. Where were the Robins, Bluebirds, Blackbirds & especially Crows? Reached Farm at noon. Jim Melvin came on 2 & we hired him back to Concord to ascertain about Saturday night train to Cambridge. A Robin there & 3 in Hanscom Woods. Scattered flocks of Song Sparrows along road. 1 Robin 1 Phoebe & 2 Swallows. 1 Phoebe & Swallows at Lee's

Concord.

Ther 84° Sunday, April 19, 1914 Wea

First Hour Cooling Black Fog. fine

Sunny but hazy. Unpredictably warm with high S. W. wind

Birds abundant but not singing freely even as early morn. Heard so far Spring Sparrow, Song Sparrow, Bluebird, Robin (one each), Meadow Lark (1) Grass Finch (5 or 6), Phoebe (2) Song Sparrows kept perfect Silence from daybreak to 11 a.m. despite the Serene beauty of the morning but at 11 Thatcher thawked, & Song Sparrows Commenced Loving resumed their

Some of these, no doubt, have been here for several days or even longer. Not much obvious change in vegetation despite genial heat. Hear singing of Hyla Voices at intervals throughout day & especially after sunset. Elms thick with flowers.

Motored to Concord (7-11) & called on the Emersons' & Adams. Spent most of time at Cash place. Saw Edward-Ellen E. & Margaret Adam. Birds conspicuous. (2) & (4) Black Ducks flying over Old Manse. Walked to Beach Field in P.M. While strolling along path there got a glimpse of very large Hawk 20 yds. off but in Bright Sunlight could not determine. Had looked coal black with white tipped tail. I saw the

Concord (Farm)

Ther Monday, April 20, 1914 Wea Dull

Cloudy & mild with strong S.W. wind which brought showers in late P.M.

Lots of birds but none new to my list except Pine Warbler (♂ ♀) & Field Sparrows (2, silent, feeding on mallow seed on bank from g house).
(13) Robins, 5 Cow-birds, 2 Flickers & a Red-wing on ground in conspicuous Ruby-crown singing close to house.
(2) Hermits in pines, Tulpit Rock etc. Not much singing. Cock Towhee drawing on wall-front of barn.
Vegetation advancing fast. Crowns of Spirea above eaves. Red maples, elms, poplars & hazels in full bloom.

Strolled about Farm & to Birch F. in A.M. planning work etc.
Saw out a lot of peach, apricot & cherry trees & 2 Dwarf Apples, in P.M. Mat-feeling work. Bad throat cough

Concord (Farm)

Ther Tuesday, April 21, 1914 Wea Fine

Brilliantly clear & bracingly cool with fresh N. W. wind.

Plenty of birds about the place, but they sang comparatively little. Heard only one Robin & he sang only half a minute — as twilight was falling at evening. Heard a Yellow Warbler & a Yellow Palm Warbler in apple orchard. Song Sparrows, Phoebes & Chippies singing fitfully through day. Chimney Swifts frequently in twos & three & Tree-Swallows about boxes filling the air with their sweet, joyous notes. One Barn Swallow. 7 Juncos & 2 Song Sparrows on dead bed. Deafening chorus of Hylas at evening. Grass all a-wash with myriads of drowned yellowish on lawns & banks.

Spent day watching with Burbank & Lyth. Set out front lawn in A.M. Raked dooryard & put 1 of lawn in P.M. Neuralgic headache forced me to quit & take to bed in P.M.

Concord (Farm)

Ther Wednesday, April 22, 1914 Wea Fine

Clear & warm with fresh W. wind
Daffodils in bloom.

First House Wren ♂ & Purple Finch,
both at Farm from S. Bridgewater.
Very little Singing. Birds detained
by high wind.

Spent most of forenoon with ...
Buckbank & Jeph working in the
Lane which we raked thoroughly.
Began on a fence subdividing
pasture & field 11 a.m.
Heard there heard a Hawk from
deep sights on ten trees apparently
in apple tree.

Dexter came down & dug
After us we got to digging
sweet clover, from apple trees,
& kept it up until 4 when we
called on Mrs Buckbank & spent
I left Dexter there & walked
to Brick Field & took by road to
Ridge Place & thence thro. Barry Path
Found Caterpillars hatched & gone

Concord (Farm)

Ther Thursday, April 23, 1914 Wea Fine

Brilliantly clear with keen & bracing
N.W. wind. Surface of ground
frozen stiff as pavement. Warm only
in Shelter of trees through day.

First Solitary Vireo ♂ in tree from Farm
& a.d.; Sharp. Shin Hawk & Kitchen
place, 11 a.d., flying low over open
field came straight for them & us &
passed above us in higher branches of
Cornel. 38 Juncos feeding together on
seed bed from ♂ thence A Tox Sp.
& a Chipping & 2 Song Sparrows & with
them. Red-shouldered Hawk in tree
C pasture. Very little singing.
Tent Caterpillars on outside of egg
clusters in masses on 1 P.M. yesterday.
In. day at 4 P.M. I saw three robins
on tents showing correspondingly in Bar
Tree (new tree in Barry Pasture)
Spent entire day superintending
grafting apple trees by Hedgeman who
taught Buckbank & Gilbert to do so over
in a few hours. His grafted wood
Then in Barry Pasture used.

Concord (Farm)

Ther Friday, April 24, 1914 Wea -Fine

Brilliantly clear with strong cold N.W. wind. Ground hard frozen & ice in troughs 2 inches Thick at Sunrise. Middle of day warm & not chilly at Sunset.

Noted nothing new. Very little singing. Heard Horned Larks at Bungalows. Robins & Chickadees in full song at even. 1 Red Poll & 2 gray Linnets with a Fox Sparrow & 20+ Juncos at dead bed front of house at breakfast time. Scattering about 6 Eagles through most of day. At least 3 pairs. I doubt if any Bluebirds will nest on this farm this year.

Spent entire day in our poultry yard with all three maids. We set a lot of posts & got out brush by stacks. The fence plan radically changed to give more room for chickens. Walked through Estey Pasture at noon & crossed to lot 5 Colrain Line.

Concord (Farm)
C.'s Staunch & invincible Rowboat Boy.

Ther 38° at 6 P.M. Saturday, April 25, 1914 Wea Dull.

Cloudy North strong & piercingly chilly N.E. wind.

Saw comparatively few birds & heard almost nothing. A Robin song Sparrow & Chickadee singing feebly in early morning & a Ruby-crowned Kinglet in full song at 8 A.M. Also a Chipping Sparrow dead bed in front of house. Patrolled by fences in the 10 Rod. Saw but 24 + by actual count. Single Fox Sparrow & Snowbirds about boxes all forenoon. A pair of Bluebirds, the 6 Robins, Song Sparrows, Chickadees, Juncos passing, one of Storm's Chickadees & Goldfinches in front yard. A few Chipping Sparrows about house.

Spent entire day in barnyard where Brabrook, Joseph & Estey "worked by Mr. Barrows" getting out rocks etc. Planted a lot of dwarf sunflowers there. Worked at Back Yard at end of day.

Concord (Farm)

Ther Sunday, April 26, 1914 Wea Stormy

North-east Storm with moderate heavy rain & violent, as well as intensely chilly, wind.

Kept in house all day, & practically most of it by open fire in breakfast room, counting tallies, Juncos & the total number of a dozen kept coming & going to & from the Seed bed under the windows. Most of them were ♂♂. With them came a Tree Sparrow & 2 Song Sparrows. I noted little else bar a Starling, twice heard singing. Sir and his men at home when I looked out our front door just after breakfast & a Flicker that shouted late & was heard through closed window doors.

Concord (Farm)

Ther Monday, April 27, 1914 Wea Stormy

Cat catches Gray Squirrel.

N.E. Storm continuing with incessant high wind & fine rain driving before it.

31 Juncos, 1 Tree Sp. & 2 Song Sps at Seed bed. Ruby-crown K., Kathird & Song Sp. only birds bringing near homes. Tree Meadow Larks singing Sanborn's field.

Men working most of day on poultry yard fence. I was with them nearly two hrs. Also transplanted a lot of things from flower garden to front of house. Walked through Barry Pasture in P.M.

At mallows & rehabilitated Cat (back to Mrs. Howe's) was sitting erect & still in middle of field front of house all the time (12-12.30) Gilbert & I were at dining Slowly before 1 P.M. she began moving slowly about, nearing the ground. Suddenly she made a long, swift, gliding rush & there flattened out of sight in fur. A moment later a large Gray Squirrel appeared ambling clearly out into field from towards base of it. Why he had looked to right Cat just before beyond understanding but apparently he had run for his cover & climbed straight for her and both. As he was passing it she charged at him & pursued him when he turned & fled for the woods. Instantly grey-tail he dropped over & was grabbed by the Cat but she couldn't hold him a few seconds later & finally walked home

Concord (Farm)

Ther Tuesday, April 28, 1914 Wea Fair.

Mostly cloudy with some sunlight.
Warm with light southerly winds.

First Barn Swallows (Ark. 6 P.M.),
Barn Swallows (Ark. 2 P.M.), Kingfisher
(Ark. from down yard) Marsh Hawk (♂)
Gen. ar. Chippies. Juncos (30.) &
Tree Sparrows (1) Still lingering. 9
Tree Swallows, about 6 or 8.
Many birds singing freely throughout day
- Hermit Thrush, Robins, Song Sparrows,
Chippies, Pine Warblers, Flickers,
Meadow Larks (2 in barnyard fields)
Vesper Sparrows. Marked increase
in numbers of Robins. 6 squabbling
together in orchard. Yellow Red Poll
Warbler. Partridge drumming in Farm.
3 Phoebes arriving in Ketchin pk.
2 Red shouldered Hawks circling near H. H.

Spent day Transplanting flowers
trees, grapevines etc. with help
of Barbourville & Leigh. Farmer has
hired 60 Chickens hatched this spring.
First turkey in bloom. Benzoin flowers-

Concord (Farm & Balls Hill)

Ther Wednesday, April 29, 1914 Wea Dull.

Cloudy with chill N.E. wind and
frequent light showers.

First Brown Thrasher singing faintly,
a few notes at a time, in Forsythia
bushes from 7 hours, 7-9 A.M.
Many birds singing rather freely about
house at this time & earlier but few
heard later until mid-afternoon
when I went to Balls Hill.
Spent afternoon at Farm transplanting
flowers from old flower garden to
new beds front of house. Grass
raking, cup leaves, dead stalks & other
rubbish. Barbarea blooming.

Started for Balls Hill at 1.10.
Took a little car of creosote & painted
numerous posts. Tent caterpillars nests along
the way; 2 Hermits near Spring; Ruby
crowns in full song on Farm Hill. Robins
singing gloriously in Davis Swamp. Red
maples in full bloom there. Hepaticas &
Claytonia mallow from shore near cabin.
River over meadows. Tree Swallows, and
Red wings. Heard by S. day bird

Concord (Farm & Angier's Mill)

Ther Thursday, April 30, 1914 Wea
Robins building in mill. Mixed.

Forenoon cloudy with chill north east wind, frequent light showers and one fast-tangent snow squall. Afternoon sunny. Cold N. W. wind at evening with 40° temperature.

First White thr. Sparrows (3) & Spotted Sandpiper (1).

Starting at 8 a. m. Gilbert & I motored to Angier's Mill where he left me for an hour to arrange with Gross about sawing a lot of pine & oak logs which Joseph & boarders near were hauling up to the mill. It was bitterly chill & raining sleeting & snowing by turns.

3 White-thr. Sparrows (1 ♂), Ruby crown ♂, Swa. Juncos & Spotted Sandpiper near Mill. Robin building nest on beam touching 8 ft. of saw running nicely all the while. Saw Robins everywhere along road. Hous. Cy 11. Thermometer thirty from flower garden to mail box in P.M. & September in oaks behind barn at 8 a. m. & 45 there at 3 P.M.

Concord (Farm & Bald Hill)

Ther 32° Friday, May 1, 1914 Wea Fine

Brilliantly clear with cold, violent N. wind. Water in pan in chicken yard frozen over as thick as window glass at sunrise & puddles in road each one.

First Black & White Creepers 2 ♂♂ Bald Hill

Started for Bald Hill at 8 a.m. with Gilbert, Blanchard & Gregg. The men loaded them all day & calling hours. Wild flowers making a great show: hepaticas, spring beauty & bloodroot, all on their best & finest show ever before. Hyacinths by house shed very fine also. Red maples & elms gay in full bloom making the swamps bloom.

2. Black & White Creepers ♂♂ on Hill. Yellow-throats & Yellow Palms & Myrtle Warblers near cabin. Ruby crown ♂ in Pine Park. Gilbert bored flock of 40 Red-wings in Barnard pasture. Saw 18 thrushes later - all ♂♂. Started 2 Hermits among alders near fresh ochre while walking back at 5 P.M.

Concord (Farm & Ball's Hill)

Ther 34° Saturday, May 2, 1914 Wea Fine

Brilliantly clear with fresh N.W. wind. Warmer than yesterday.

First Black throated Green Warbler (♂ * elms at Farm, ♂ near Pulpit Rock. Slight increase numbers of Yellows-rumps. No other signs of arriving migrants.

Spent day at Ball's Hill, working down at 8 a.m. & back at 5 P.M. Flooded Meadows very beautiful but hopeless searching for a pair of Tringa's. Shelduck from the Farm round by the hill were a number of Brent Geese drifting back & forth past Colvins. There were 2 Ringtails, 4 Yellow rumps, a Yellow Palm, a Ruby crown & 2 Juncos besides Song Sparrows & a pair of Robins. Both Phoebes there, the ♀ beginning a nest in the boat shed on a beam. Pair Woodcock singing on edge of hill. 2 Harriers in Beech Field & in Prospect Farm. Many early butterflies.

Concord (Farm & Buttrick place)

Ther Sunday, May 3, 1914 Wea Fine

Clear, calm, warm; a perfect May day.

No new arrivals noted. Birds singing freely in early morning. Pair of Solitary Sandpipers in dam yard. Only 5 Fox Sparrows about Hapes. 2 Hermit Thrush, 1 Brown Field, 2 ♂ Ruby Crowns, 15 Juncos & 2 Robins - Chewinks on hen yard. Partridge drumming on Rev. Matthews & Alvin Cox planted corn from Forsythia Clump to front of house. I fear the hen got over Wheather. Frog egg mass gone fast. Saw only 3 to-day.

Walked to Bird Field just after breakfast. Wrote letters 10-12.30. Walked to Concord at 1 & dined at Stud Buttrick's. He & Mrs. Wheeler a landscape architect came to the Farm down after me my Father & I took them out over a thorough three foot farm & other trees.

Concord - Boston

Ther Monday, May 4, 1914 Wea
Pheasants nest, 10 eggs Fair

Partly sunny, partly cloudy.
Warm south light, fair mid S. W. wind.

First Bluet - Flycatcher & Tree sparrow.
" Yellow Warbler, Common Yell.-throat.
" Bittern (2) Least Brook (Heard)
To Boston by 8.06 train,
Went direct to office & Spent
forenoon there. Saw Arthur,
Darling, Gallup & others.
Signed tax returns & am annoyed
report to Patriots Council.
Breakfast at Marston's!
Back by 2.40 Fitchburg train.
Gilbert motored me to & from
Concord. Reached Farm 3.45.
Spent remainder of P. M.
Creosoting tent caterpillar nests.
Saw many trees cherry loaded with
bloom. Skunk killed on Pheasants'
nest, 10 eggs, among low blueberry
bushes on Barry Pasture. Hen found
flushed 6 ft. off. Keeping away
thoroughly. Cock crowing lowest off
Field taken from C.

Concord (Farm & Balls Hill)

Ther Tuesday, May 5, 1914 Wea
Many nests with young all over Farm - Stormy

Heavy N. E. rain storm with high, chill wind. Raining all last night with warm S. W. wind. Calm & misty early this morning

First Cat Bird (1, Balls Hill), House Wrens (1 ♂, B. H.) Chestnut Sided W. (♂ Farm, ♂ B. H.) Black Wh. Blue W. (♂, Barrell Spring) Maryland Yellow Throat (1 ♂ ♂, Farm) Chimney Swifts (5 Balls Hill, Oven-bird (2 ♂ Farm, 2 ♂ Balls Hill) Great increase in Meadowlark song & D. Vireo Evidently a rather heavy rush of migrants came last night despite stormy weather Many more scattered everywhere on Farm & Balls Hill. Saw mixed flock at Barrell Spring in late P. M. Also I found 5 or 6 Chickadees, a Congress (Cathird) Kinglet, Crown, Golden-crown, 5 or 6 D. Vireos, 1 D. Cuckoo & others not identified. Saw 3 Catbirds in all.

Spent day at Balls Hill. The men working about 8 or 10 boys working squaws & papooses Things in order. Walked down at 8 A. M., back at 4 P. M. Off again at 4.30 Creosoting caterpillar nests

Ther Wednesday, May 6, 1914 Wea
Fairy Shrimps (Branchipus) Farm

Forenoon cloudy, chill E. wind. Afternoon sunny & very warm, light variable winds.

First Nuthatch W. & Magpie W. (Balls H)
" [illegible] x, Jenny x &
" Crested Tit, Coal Tit & Tree Creeper (Farm)
" (Grey x & Pied Wag x (Church Bridge, Concord, S.O. Depot), Night Heron & Common Heron, (Balls Hill)

No great number of birds of any one kind about. Not much singing. Phoebe not in callen at Farmstead.

Spent forenoon in barn superintending the stacking of a load of Lucerne. Saw crossbeak and caterpillar nests.
Dexter came down at noon.
Stacking immediately after dinner was resumed at Balls Hill. In beeches behind it saw Magpies, Chaffinch with Bleak-like Green Woodpecker, Nuthatch W. Robin crossbeak, Coal Tit, Night Heron.
Found numbers of Fairy Shrimps in Button Bush Pond by big oak tree of Pen Hill. Saw Chaffinch's nest at end of hill. Female on this afternoon. Heron by S. Heard singing

Ther Thursday, May 7, 1914 Wea
First Bats (3) in shed loft. Farm

Partly cloudy, partly sunny. Warm with light, soft S.W. wind

First Rook-br. Grasbank, Farmoaks, 7 adl, Flock of Robins - thrush Sparrows 40 + at Farm (many in wood) & 20 + at Balls Hill. No observed increase of other birds.

Spent most of day at Farm superintending farm work. Ed. Flannery came down with our team to dig for a few fairy shrimps for Shell Bullrush. He is a most intelligent man & he showed so much interest & appreciation respecting my tree plantings that I first took him all over the farm & then drove with him to Balls Hill where we wandered about for an hour or more looking at beeches, Sparrows, pines etc. planted many years ago. This very interesting. The tulips & hyacinths about at Chris Cott now. Some of the cherry trees & all the plum trees in bloom to-day. Received letter from L., dated Oxford

Ther Friday, May 8, 1914 Wea Dull.

Cloudy with chill N.E. wind & heavy rain eve & after night-fall.

First Yellow-thr. Vireo (♂*) & Black-throated Warbler (♂*) on Farm. Also first Orioles for the locality.

Heard & saw the Orioles & Vireo in elms in dooryard, 7 A.M. Started for a ramble in woods 8 A.M. but got no further than Pulpit Rock when Gilbert called me back. Woods flooded with Song Sparrows incessantly. Many Meadowlarks also. Melvin at house awaiting my return. He took me to Sleepy Hollow Cemetery to advise him about planting Cannas &c. there. Saw Orioles & Yellow Throats along the road. Back by 9.30. Eddie Flowers & 2 men coming and paints to paint Bookcase. They toiled thus. I worked trying to get photos of birds in A.M. & P.M. on my third Colorplate work.

10 Ther Saturday, May 9, 1914 Wea Fair

Mostly sunny. Light, variable winds. Very warm & rather stifling.

First Baltimore-Song Warbler ♂*. (Very Fine. 9 A.M. Not seen) Whip-poor-will, 11 P.M. Small flight (4♂♂*) Nashville Warbler One Magnolia & one Yellow-throat. No other obvious migrants passing. Only 2 Orioles & one Baltimore. Field Sparrow singing in Berry Pasture. No Thrasher. Not much bird song through day. Hermit Thrush in full song 4.30-5 P.M. in Brister's Hill. His chestnut of the tail tricks shown for past 2 weeks. He is only a second or third rate performer. Robins scarce & Chickadees very scarce. Marked increase of song last three days.

-Began spraying for tent caterpillars 8.30 A.M. Called off at 9 by Telephone E. W. Emerson who came down on horse later on horse-back with Edith. I showed them Pheasant on nest &c. The Melvins came at 10.30. At 11 I went with them to Bedford Cemetery & Sleepy Hollow. Sprayed Rather than in P.M. Hosford & Bond to Cabin.

Concord (Farm, Carrick dr.)

Ther **Sunday, May 10, 1914** Wea

Perfect.

Clear & warm with light W. winds.

No new arrivals nor any noticeably north-bound migrants noted.

Starting at 9 a.m. Gilbert motored me first to Duncan's where we spent half an hour starting over his farm & thence to George Roberts where I stayed rather longer & had a delightful talk with Lucy & Margaret. We ran the car at the rate of 10 M. an hour most of the way & I could hear the birds along the road very distinctly. Noted in all about 6 Robins, 6 Bluebirds, 3 Orioles, 2 Baltimores, & Brant Flycatchers 3 Meadow Larks & 6 or 8 Vesper Sparrows & got about 20 Chippies. The scarcity of Robins was marked. Home by 11.30 & back to Roberts place. Wrote letters & had a nap in P.M. Called on the Howes at 6 seeing Mrs. & Mrs. & Miss Howes.

Concord (Farm & Balls Hill)

Irish terrier "Jim" received at 7 a.m.

Ther **Monday, May 11, 1914** Wea

First apple blossoms. Fine

Clear & warm with light S.W. to W. winds.

First Robin. Crowned Sparrows 1 each in road in front of farmhouse all day, feeding on horse manure in company with 10 Robin Thrushes. Nothing song finch but this Robin-crowned bird - a handsome, tame bird.

Wilson's Thrush 1 calling at dog bark in Berry Pas., another at 4 P.M. in Pain Park Sw.

Yellow-rump Warbler 1 at 4 P.M., Howes pasture by roadside just E. of Roberts place.

Savanna Sparrow 1 flushed in grass field near apple orchard, Roberts place.

Prairie Warbler, Sw. Waterthrush - Oporornis, Swamp Dash & Cassandra all in full bloom. First apple blossoms open - only a few.

Spent forenoon spraying about the farm with Bordeaux working pump. Dexter came down to dinner. After it we both slept for an hour & then walked to Balls Hill via Brickfield & back via road to School house. Eddie Flannery hauled 2 load from Cdr.

Irish Terrier "Jim", 8 years old, bought

Concord (Farm)

Ther Tuesday, May 12, 1914 Wea Stormy

Cold N. E. wind & intermittent rain. Altogether a dreary & very chilly day.

Silenced by the icy wind & lowering sky the birds scarcely uttered a sound all day & only a few were seen by the edge of the pond but in front of Thoreau's house where a White-crowned Sparrow, 5 White-throated, 2 Juncos, 2 Chippies & 2 Song Sparrows were feeding throughout the day. The White-crown was, no doubt, the same seen yesterday. His song at frequent intervals this morn (7-8) in the Forsythia bushes, practised conspicuously, his plumage ruffled, while the rain falling constantly thro' which. His song was sweet & plaintive (exquisitely so) with something of the quality of the Tree Sparrow's, also of Vesper Sparrow's, slightly harsh of Redwing trills. Besides the sweet, clear notes there were interpolated two chattering ones very like Redwing.

Spent most of day in house working letters. In Brook Field & Barn, in P.M. Cleaning & Cotton pollen supply. Hoards of letters & Cupboards. Saw or heard seven Robins

Concord (Farm)

Ther Wednesday, May 13, 1914 Wea Stormy

Cold N E. wind & fair; intermittent rain. Very like yesterday but colder still & one of the most chill May days conceivable.

Very few birds seen or heard except directly in front of house where Sparrow flock kept to work in one bush all day. It included 1 White-crown, 10 Redwing Birds; 2 or 3 Juncos, 2 Chippies & 2 Song Sparrows. The White-throats sang freely & well. The White-crown mingled his notes with theirs at frequent intervals 7-8 a.m. & 5-5.30 P.M. I heard him scores of times & he was possibly a dozen days. His song, exquisitely sweet & plaintive always consisted of 4 notes (in form) two clear & distinct, the last two in succession or half-merged & very liquid. The song reminded me to-day of a Meadow Lark's being closely like it in form. Its quality, also, was similar but weaker & with something of the Vesper Sparrow's & White-throat's. Altogether a rare song, worth going for to hear.

Spent most of A.M. in house. Out when P.M. first stalking cattle Jean for a walk in the woods, after which Crossbeaking Cotton pollen "Levels" in Berry Pas.

Concord (7'arm & Sleepy Hollow C.)

Ther Thursday, May 14, 1914 Wea
7'irst Gypsy moth hatched. 7'air

Partly cloudy, mostly sunny,
Rather warm with light S.W. wind.

7'irst Tanager, Sleepy Hol. C., calling.
" Redstart, Ch., S.O. Dykes.
Birds singing freely all forenoon.
Hermit Thrush. Answered Sparrow Spirit day
at Send Bed or in 7'orsythia thickets
with 10 Purple Finch & 3 Gold Finch.
He sang at frequent intervals &
about constantly 7.8 a.m. & 5-5.30
P.M. In day there was usually
five or six notes at each utterance,
and of surpassing sweetness. The
song was so hard that I heard it
150 or more yards away. It was
delightfully sweet & primitive & not
closely like anything else, I thought.
It impressed me deeply - a rare melody.
Spirit record of day about 7'arm
working with the men & doing a
good deal of planting etc. Jim M
called for me at 10 & motored
me to Sleepy Hollow Cemetery
to see his shrub etc.

Concord, Cambridge, Boston.

Ther Friday, May 15, 1914 Wea
7'air

Brilliantly clear with strong, cool N.W. wind.

7'irst Hummingbird, ♂ 7'arm flowers buds & orchards

Leaving the farm house at 8.40 Gilbert &
I motored to Cambridge via Lexington
Pet's Corner & Waverley: 7'ields thickly
sprangled with golden dandelions. Apple
orchards just coming into bloom.
Only one Robin seen between Cel. & Lex.
No Bobolinks, 3 Orioles, 7 or 8 Meadow Larks,
many Red-wings in trunk meadows, 2
Sparrow Hawks.
Spirit forenoon in our Garden. Two pairs
Robins one with nest under back piazza
another in evergreen on Lawn. 1 Yellow Warbler
♂ & Oriole, ♂ Black & W. Creeper, 3 White-th.
Sparrows, 7 Grackles, 1 Jay.
Apples & pears trees in full bloom.
To Boston at 12.30. Half hour at
office. Took with Arthur E. Lunch
at Newton's, Avery Place Ca.
2.40 Train to Concord. Gilbert met
me there & motored me to 7'arm.
Perfect Serenade Spirit. 2 Grackles
drowning in 7'arm. Hermit Thrush singing divinely

Concord (7 a.m.)

Ther Saturday, May 16, 1914 Wea 7 a.m.

Clear & just comfortably warm with light Southerly winds.

Local birds in usual number & variety as per past few days. 10 Robins - thrushes Sparrows & Song birds of homes but Hermit-Thrush absent. No other north-bound migrants. Where are they? Warblers & various kinds should be passing numerously now. Apple Trees blooming freely but no Warblers in them. No flight of migrants for several days past, apparently. The ground may [illegible] must be filled to come. Where are Ruddy-ducks, Red-eyed Vireos Etc? Chestnut-sided Warblers still scarce. Also Ovenbirds Maryland Yellow-throats. Good chorus of bird song on forenoon. Thrasher singing hopefully near barn yard.

Early 7 Canvey & 2 men & horses worked all day mowing 2 end fields by river. I was with them most of time. In Sleepy Hollow I with Jim Mc. forest Cypress swamp.

Concord (7 a.m.)

Ther Sunday, May 17, 1914 Wea 7 a.m.

Clear with light, cool west & south west winds.

Heavy flight Nashville Warblers & Oven birds. 7 a.m. woods alive with them everywhere. Usual Warbler & the only obvious north-bound migrant except for Savanna (S) Sparrows. Local birds about as for past few days. Only one Baltimore & one Orchard oriole within hearing of house. Robins in barn cellar fairly eaten, apparently by cat. Dead about a week & probably had eaten fledglings found near barn last Sunday.

With the little Turner Jim I worked through Birch Field & Bittern going to Bateman's & back along road at 9.30 a.m. In late P.M. hoed one Saturn ground with E. H. Davis & his son who came on motor-cy. C. W. Hosley arrived at 6.30 to spend the night

Concord - Weston - Wellesley

Ther Monday, May 18, 1914 Wea

Apple trees in fullest bloom 7 a.m.

Clear & very warm south light
Southerly breeze & in towards 9 dead calm.

First Red-eyed Vireo. 6 - 7 a.m. oaks.
" Cedar Birds, 2 in orchard.
A very large & handsome Hawk. crossed
Sparrow with much white showing on
back flew from fence in a near am
near yard. It was silent & shy or at
least very timid. Evidently not the
bird seen last week. Heard Black &
Yellow Warbler singing in trees. Maryland
yellow throat & Cat birds & Chipping. Heard
Warblers. both of Orioles & Bobolinks
along roads in Cd. Concord & Weston
No Robins between Concord & Wellesley.

Spent forenoon working in garden
with Burbanks & George. Mr. & Mrs.
Robbins (of Ontario) called. I showed
them White Cr. Sp. & Pheasant on nest.
Mrs. R. treated the Pheasants' Tail.
In P.M. (1.10 - 4.10) Gilbert & I
motored to Wellesley via Lincoln &
Weston to see "Sven". He has grown
very large & handsome. He knows me
at once. Roads very fine & very
rough. Apple trees in full bloom
magnificent. Entertained at 7 a.m.

Concord (Farm & Ball's Hill)
Cat bird nuptial song.

Ther Tuesday, May 19, 1914 Wea

7 a.m. barking, 9 P.M. 7 a.m.

Clouded & quite cool Sunday, the
Sun looking like a red ball & giving
little direct heat. Calm & warm.

First Redstart, Indigo bird, Swainson's
Thrush & Black & White Creeper at Farm
& Water Thrush at Ball's Hill.
First Tennessee & Black-poll Warblers (4)
at Concord Village (seen by Dexter).
Not many migrants at Farm
& forest still at Ball's Hill. Capt
Dexter reports a good many in
Pittsburgh woods on Cd. early this week
Few apple trees still in full
bloom but much injured by Warblers.
Cat Birds singing freely all forenoon.

Spent pleasant morning
with them. Rarely if ever have
I enjoyed a fuller or more
delightful chorus of bird music.
Bobolinks, Orioles & Cat birds at
their best. One Cat bird mimicked
a Wood Thrush very perfectly. Keeping it
up for half a minute & using in other
notes —
Spent forenoon & garden working. —
Dexters came to dinner & we drove
to Ponds Hill after it

Concord (Farm & Balls Hill)

Ther 80° Wednesday, May 20, 1914 Wea Fine

Calm, warm & cloudless but so densely smoky that one could not see anything distinctly 3 or 4 rods at hand. Sun showed as a red ball casting no shadows.

Spent most of day at Balls Hill spraying the oaks on Burnett's knoll & thence along road as far as wood shed. Lefa & Gladys working with one of Burnett's men & his old horse. I devoted all Cabin & walked back to Farm about 3 P.M.

First Canadian Warblers, 2 ♂♂, B.H.;
" Yellow bill Cuckoo 1 ♂ near Burnett's
Above Warblers scattered about commonly, singing. 2 Magnolia Warblers ♂. 2 Black-poll ♂ & 1 Ovenbird in blossoming apple trees at Farm. The apple bloom at its very fullest this evening when I spent a long time in our orchard admiring its exceeding beauty. Lilacs coming into bloom to-day.

Deafening chorus of Hylas last evening & Bull frog 1st day.

Concord (Farm)

Ther Thursday, May 21, 1914 Wea Fine.

Calm with dense smoky haze obscuring the sun. East wind in P.M. cooling the air.

First Capt Mary Warbler, ♀, in big Baldwin apple tree (in front of Burnett) behind house, 11 A.M. Rather dull-colored Bird, chilly streaked & showing little yellow beneath. Farm & Hedge fields. As I was watching her a Chickadee darted at her and clinching with her fluttered down with her to the earth under tree (ploughed ground) where the two scrimmaged & struggled for several seconds. after which the Warbler escaped with bleeding body & lost three only a few steps ahead for several minutes. At length the first three to walk by hopping & began fluttering about & feeding.

Heard a Black poll sing & saw a Redstart fly. Several Chimney Swallows about.

Men spraying in Birch Field (Big oaks) all day & I sprayed with them 8-9 A.M. Sprayed in Barry Pas. with Bordeaux upon dewless. Also planted flowers with Mr. & Mrs. Robbins, Walter Faxon & Prof. Newton called at 5 P.M. We walked about

Concord - Cambridge - Boston

Ther Friday, May 22, 1914 Wea
7 a.m.

Forenoon cloudy, misty, coldish.
Afternoon sunny with light, NW & E. wind

First Night hawk heard at 7. 6 P.M.
In the Cambridge Garden saw an
Brown bird & a Robin & a Swift.
Heard a Red-eye & an Oriole.

Gilbert & I left 7 a.m. at 7.45
& motored to Cambridge via
Lexington & Jamaica Plain through Belmont.
Bobolinks, Orioles, Meadow Larks &
Yellow Warblers numerous all along
the way. Only one Robin after leaving
Concord. Stopped down to 5 m. for hour
in passing through Rock Meadow. It
was alive with Red wings & Bobolinks
Heard Wood Thrushes, Canada Warbler &
Yellow Warbler. In Wellesley 2 Pheasants
Spent hour in Cambridge Garden; called
on Margie Dawes & Mrs Cobb; had
hair cut at Square; lunched at Moseley's
Spent half hour at our Office; took
2.40 train to Concord; Gilbert went
on at Alewife. Stopped after two
o'clock Sunday, 7 a.m.

Left "Jenny Lind" in Cambridge
We drove with

Concord (7 a.m.)

Ther Saturday, May 23, 1914 Wea
Dan Trench & Dick Dana 7 a.m.

Brilliantly clear with high W. wind.
Very cool at morning.

No north-bound migrants noted by me.
Dexter saw 2 Solitary Sandpipers on
river Banks. Birds at 7 a.m. singing
freely in early morning but rather
silent after wind rose. Apple
blossoms falling everywhere - in clouds,
like snow flakes, driving before the
strong wind & whitening the ground.

Spent day at 7 a.m. Did a
little gardening work after breakfast.
S. O. Dexter called with his brother
at 11.30. I observed three Pheasants
on road. Shooed her off & found her
10 eggs which unbeknown. Wrote letters
in P.M. Dick Dana & Dan Trench
arrived almost together in separate
automobiles at 6 P.M. We walked
about 7 a.m. & visited Pheasants
nest in Bunny Pen. Before supper
Talked in parlor from 7.30 to 11 P.M.

Concord (Farm, Balls Hill & Armsby)

Ther Sunday, May 24, 1914 Wea

Annual reunion with Lan F. & Dick D. Fam

Brilliantly clear with fresh W. wind
Just pleasantly cool.

No nests - Local migrants. Local birds in normal numbers & variously singing until all day.

Dan, Dick & I breakfasted together at 8. Then sat for an hour by the fire talking. Started out at 10 & walked to Balls Hill via Brick Field & Davis Hill. Climbed to top of Balls Hill & sat there for some time under a pine.
Back to home in time for 1 o'clock dinner. Jim Melvin came before we finished it. Showed them all a lot of Diatom slides I have recently by Henry H.
Only one really pretty thing among them all. At 3.30 started to Concord with Jim & Spent an hour in Cemetery. Barry Crawford there with Ozzie Brookbank & Tanger & Geo. Hastings. Back with Dan by 5. Hen stayed to Supper. Mrs. Prentiss.

Concord (Farm)

11 Ther Monday, May 25, 1914 Wea

Farm

Partly sunny, chiefly cloudy. Strong S. W. wind. Slight sprinkle of rain in early morning, good downpour after dark. Apple blossoms almost all gone. Beeches & apple trees & cherry trees of all kinds in full leaf. Oak leaves 1/4 to 1/2 grown. Woods generally green with young foliage.

North. Local migrants apparently all gone by. Have not noticed one since 22nd. Most of local birds have settled for season but no Wood Peewees yet.
A Robin has built a string of nests under Barn eaves for barn roof. Question worked for two weeks carrying stuff to ledge under eaves of barn. But it blew away almost as fast as she got it down. She brought dry grass, weed stalks, grass & oak leaves, yarrow etc. but no wool. We put up a guard rail on 23rd Swing then she has accumulated a big heap about 2 ft. long & of same on Lane Creek. & is still adding to it.
Worked with Bundenks all day. In A.M. in pursuit of the Cow, in P.M. Sprayed Chives & also weeds Lane Branch. Big big Caterpillar nuisance on Apple early.

Alien Things Carried Off: Cow to Cambridge
Lane Creek
Lane Branch

Concord (Farms.)

Ther 90° Tuesday, May 26, 1914 Wea 7 a.m.

Clear & hot. Morning calm: Strong S.W. wind in aft. & eve.

Black-Poll Warbler ♂ ♯. in barn. Night-hawk ♀ (?) in elm over shed. No other north-bound migrants. Local birds singing well all day.

Spent entire day sprinkling & spraying of apple trees by Dugan & Zeph. Also sprayed several myself with their outfit (power pump) & others with ours (hand pump). Got well covered with all sorts of bad. All fruit trees were sprayed. & an older deal some of the cooks.

The Night-hawk happened to catch my eye as I glanced up into elm. She was on a rather slender branch toward the top & kept moving ways to preserve her balance. A pair of Starlings flying low over orchard towards S. W. passed near me at 8 a.m. In Cato P.M., I was on my way to visit Pheasants' nest on Barry Farm & watching 3a yards of it when I heard the young peeping & presently saw them scamper 15 ft. among fallen logs, newton through dense bunch. Neither they nor the old attempted to hide or showed marks of fear.

Concord (Farms)

Ther 92° Wednesday, May 27, 1914 Wea 7 a.m.

Clear & hot. 7 a.m. calm. 7 a.m. S.W. wind all afternoon. Clouds & sprinkle of rain in late P.M.

Black-poll Warbler ♂ ♯. & Ursua W. ♂ ♯ in oaks behind barn, early morning. No other north-bound migrants. Birds singing tumultuously at daybreak and very busy all day. ♂ Cow-bird of pair settled in 7 a.m. in thick bunch of hazels, pruning out a perfect flood of music from day-break to dusk. ♂ of pair behind barn had his song-period several days ago & kept nearly silent to-day. ♂ near pond in field busy at it. Bird near corn-field not heard to-day. Two Hawks singing on Farms in same places as Cato Farm, one on Ritchie Farm Vacinda Pheasants' nest. One embedded egg left on it with half shell of.

Spent whole forenoon spraying (mostly apple trees) with Bernhardt, his man-boy Frank. Motored to Concord at 1 P.M. Strolling about farms & Barry Farm 3 - 7 P.M.

Concord (Farm)

Ther Thursday, May 28, 1914 Wea
First Dragon Flies ——— Fine

Brilliantly clear with strong, cool North wind.

First Wood Pewee ✻: Farm oaks.
No north-bound migrants.
Local birds singing most all day.

Spent forenoon weeding with Bookwalter. First on this up grapevines, then trimmed the lilac hedge. George worked on some of the flower beds. Zeph was plowing, harrowing etc.
Motored to Concord at 3 P.M. & called on Alvin Stow at Alvin Rogers'. Brought them both back to Farm so that we had a walk in the woods to Bird's Nest Rock then back to the Emersons' where I made a short call. Seeing Mrs. E. & Ellen; also Mrs. Hudson & Marion Rogers.
Back to Farm to prepare usual Supper Tray. Shot a cat that was worrying my Catbirds.

Fine: Dragon flies - in swarms about

Concord (Farm & Town)

Ther Friday, May 29, 1914 Wea
Fine

Brilliantly clear with fresh E. wind cool through day, chilling at evening.

No north-bound migrants. Apparently the Spring migration has completely ended and all our local Summer birds are here & settled in their usual haunts; For the most part they seem to be present in normal numbers but Robins conspicuously scarce, Chickadees almost vanishing, Orioles not over abundant, Field Sparrows locally afield, Barn Swallows less common than ever before.

Spent whole forenoon & most of afternoon directing spraying operations performed by Bookwalter & Zeph. We finished with apple trees & did one good turn with peach & several cedars near house with which apple trees in Berry Pa. Gilbert motored me to Concord at 4 P.M. Brought Linnets & Melon flowers at Hubbard, busy time getting I got home - a batch of hoeing

Concord (Farm)

Ther Saturday, May 30, 1914 Wea Fair

Forenoon cloudy with chill S. W. wind
Afternoon sunny with warm " "

Night-hawk sp[illegible]ing at evening
in distance, beyond Barry Farm &
a Whip-poor-will singing in same
direction at same time.
Farm birds singing well in Conn
F. M. especially 2 Robins & a Cat bird.
No Grasshoppers calling. Don't k.
any are breeding anywhere within
our boundaries. The Jays have
probably deserted them completely
as yet. I heard them unusually
in Concord village about two
a week or so ago.

Walked to Black Pond & Return
part after breakfast. Spent
remainder of forenoon working
on flower beds about house.
Wrote letters & slept for about
2 hours in P. M. I am still
dog tired" all the time.

Concord (Farm, Bald Hill etc)

Ther Sunday, May 31, 1914 Wea Fine

Brilliantly clear & just comfortably
warm with light W. wind. Perfect day.
Fields yellow with buttercups. Dandelions
gone by & in seed globes.

North bound migrants apparently all
gone. Local birds, so-called seems changed
Distinct Yellow Warblers now by roadside
apparently from home. It is in a hazel
thicket but well concealed among dense
foliage of swamp honeysuckle. It has
one egg of Cow-bird apparently near
hatching & one Cow-bird. Mother Cow
about absent, chirping anxiously.

Gilbert & I motored to Carlisle at 6 a.m.
& brought back Dawson with whom I
went to Bald Hill in the car to
inspect recent Conservation. Blackburnian
Ridge hardly explored with brown bird &
& grosbeak in abundance egret nesting.
Must be arranged this week.
Dined at Ten Eyckons at 1.30 with
Mr. & Mrs. E., Ellen, Raymond & Alice
& an artist whose name I forget. Home

Concord (Farm & Bolli Hill)

Ther Monday, June 1, 1914 Wea
Painted Tortoise laying. Fair

Mostly sunny, partly cloudy.
Calm, sultry. Two light thunder showers in P.M.

Spent day spraying at rear of Bolli Hill & on Pine Hill. Leph & I used our hand pumps on low trees & Shrubbery, Dexter & Gerry took the larger trees, mostly oaks. Forenoon perfect for our purpose, afternoon showers interfered somewhat with work.

Scarlet tanager numerous in spots of limited extent. No general distribution. Canadian Warbler singing in Bolli Hill swamp & another in Davis swamp. Grosbeak song a few times at Bolli Hill. Black-throated Green Warbler, 2 Black. thr. Green & Pine Warbler on Pine Hill. Another Black-throated & Pine Warbler & one Black-throated Green near Pulpit Rock. Mosquitoes very bad. No Red-wings along river. Gilbert motored us to Farm for lunch & Bob after it & home again in late P.M.

Saw a Painted Tortoise laying eggs in sand on Pine Hill & also fought off skunk who had landed on Island.

Concord (Farm)

Ther Tuesday, June 2, 1914 Wea
Fair

Forenoon sunny & very warm, afternoon cloudy with a few rain drops.

Swainson's Thrush heard singing on evening in shade trees, front of House, by S. O. Dexter.
At 10 P.M. Dexter & I heard a Cuckoo (Black-Billed) singing near the house. For intervals of 20 minutes it kept it up quite distinctly as any Whippoorwill, always using the Coo-coo-coo - coo; coo-coo-coo notes & form. I heard it again later in the night which was warm. Lightning. The Cuckoo (or Cuckoos) of this species has sung freely & often after dark now on and off for two or more nights past. There are regularly 3 Whippoorwills singing nightly close to the W. & N. W. I have thus far only heard the Robins & Veery here heard.

Spent most of day working in flower garden with Barbara. S. O. Dexter came down to Supper & stayed until 10 P.M.

(Concord (Farm & Ballis Hill)

Ther Wednesday, June 3, 1914 Wea Fair

Forenoon sunny; afternoon cloudy with threatening thunder heads & a few rain drops.

Black-poll Warbler & nuthatch, & a Linnet whistling 6.0. White in front of house at 6 A.M. & again 7-7.20 He was on wall bounding our dooryard & his notes rang through house: later in day I heard him far away towards the north-west. A wandering bird, no doubt, looking for a mate. It is now many years since any Linnet have bred in this neighborhood.

Spent most of day spraying with Zeph's help on Pulpit Rock woods & Birch Field. Typhis swelling by hundreds there although still very small. Sprayed Spruces & balsams very carefully against thinfoot. The Meloins & Robbinsons visited me in late P.M. Bringing wood plants and a house plant. Watery Powder blight. Durrie spraying all day on Blackberry Ridge by road. I. worked there in the afternoon & finished

Concord (Farm)

Ther Thursday, June 4, 1914 Wea Stormy.

Cloudy with fine rain falling almost constantly. It began about 10 P.M. last evening & soaked deep into the ground to-day. thereby alleviating what was becoming a serious drought. Light S.E. wind in A.M., rising gale from S.W. in P.M., lasting thro to 8 P.M. & sending sheets of rain all through the landscape.

Spent entire day working with George in flower garden. He is very good at it. We dug up lots of weeds and transplanted many things. It was a treat to be so busy in the midst of all the crises, now in the fullest perfection of this glorious flower. I care more for them than for any other garden flowers. The Canadian pasture on front Iris primus & the Single white Peony roseus almost gone.

Not a favorable day for Birds. Very song but little. Heard a Blackthroated Green in close by house.

Concord - Cambridge - Boston.

Ther Friday, June 5, 1914 Wea

Fine

Clear & cool with raging N. W. wind.

Gilbert & I left the Farm at 8.40 a.m. and motored to Cambridge via Sandy P. & Hobbs Br. Reservoir. Lincoln oak woods for the most part clothed in luxuriant foliage, ragged in spots, however, where the gypsy caterpillars still feast. Cambridge reached at about the height of its June activities & very beautiful. Very many small birds along roadsides, Tree Swallows, Bluebirds, Song Sparrows, Goldfinches etc. but not one Robin noted all the way. Reached Museum at 9.50. Went over #6 Linnaean Ave. south Mr. Millar, who has been begging them for 1 & who wants a good deal done. Spent most of forenoon in house, museum & garden. Packed portmanteau for trip to Glendale. To Boston at 2 P.M. Spent two hours at office & Sand Artists & Gallaghers. Home by 5 P.M. Spent time in Garden. 2 Robins & a Redeye singing. One Grackle & one Swallow. Called on the Adams' 7.30. Found Testing "Tiny Tim" upstairs with his violin

Cambridge - Glendale.

Ther Saturday, June 6, 1914 Wea

Fine

Brilliantly clear with light, cool W. wind.

The little Irish Terrier, Tiny Tim, greeted me most warmly when I knocked from yesterday & slept on my bed last night "quiet as a mouse". I took him to roll before breakfast this morn & he behaved like a little Saint. I have known few dogs so absolutely devoted & obedient. Two Robins, a Redeye & an Oriole the only birds singing in Garden this prophet morn. Gilbert motored me in time to take 10 A.M. train for Pittsfield. Read most of way. Waited an hour for train to Glendale. Reached there at 4. Mr. Ames to meet me & walked to Cheshire with Stopping Place to admire rich beauty of scenery. Mr. Ames has Maine at home Mrs. F., Margaret & Dorothy (Schoonmaker) having motored to Pittsfield to pick me up there. Strolled about grounds, more beautiful than I ever saw them before. Every thing bathed in June sunlight & glorified by recent rains. Spring — most of leaves & flowers developed & at height of their June glory. Dinner at 7.30. Retired early

Glendale

Ther Sunday, June 7, 1914 Wea 7 am

A.M. Sunny but hazy. Clouds gathering in late P.M. Warm with light S.W. wind.

Walked about grounds & Studio with Mrs. Ayer before breakfast. Busy during forenoon in old-time manner. Letters at once. Soon early enough to write. Wrote letters 10-12. Hope, with more letters after dinner. Mrs. F. motored to Petersfield for Dan at 2.30 & returned home at 5. Had very little time I had expected. After talking a walk & changing his clothes he joined me for a walk about the place but we were soon driven in by a light sprinkle of rain. We all shared the evening in the parlor talking. Dan Rothpletz singing considerably when I went to bed. I finished them late at intervals afternoon & evening. The Pasture Grass has not been watched this year & for the first time since I have known "Chesterwood" there are no Wood Thrushes there.

Glendale

Ther Monday, June 8, 1914 Wea Fair

Partly sunny, largely cloudy. Very warm & humid with southerly wind.

Spent most of day in my room working from note books a resume of my observations at Concord through the past Spring. Dan was busy with accumulated correspondence but he & Mrs. French accompanied me on a walk in late P.M. to visit Mr. Lukeish who received us with his accustomed quiet cordiality and entertained us for half an hour with his delightfully naive and unworldly talk about his simple work & interests. He showed us his vegetable garden, a model of neatness & systematic thought.

Mr. & Mrs. Crowninshield with their granddaughter Miss De Gersdorf, a charmingly pretty & [illegible] dined with us & afterwards [illegible] Dan rowed 7 Roberts on the lower [illegible] took a Camp(?) Roberts beyond [illegible] Rothpletzville Camp on the [illegible] Lake, Loyalton. A Grand Thunder [illegible] was coming [illegible] home.

Glendale.

Ther Tuesday, June 9, 1914 Wea Fine

Sunny cool with fresh S. W. wind

Spent forenoon & early afternoon in my room working on Concord notes.
Dan & I started for a walk at 3.30 & were out until 7. First we strolled through the pasture & sat for perhaps an hour on the bench that overlooks the cemetery to the east wood. The hemlocks about us were thickly bespr[inkled] with golden green shoots of this years growth an inch or so in length. They seemed quite devoid of bird-life although Magnolia Warblers have bred & sung in them unfortunate years. Nor did the beech swamp below us seem to have any breeding bird a Crested Flycatcher while the pasture & mountain at our rear were almost equally devoid of bird voices. We admired the graceful flight of a pair of Sparrow Hawks & chatted of many things. Thence we went back to the house & down the road into the valley where a farm hand & work ox. Heard three singing birds, among them a Warbling Vireo, Yellow Warbler & House Wren. Visited Mrs. Warner's garden on way back. She has some very good Iris. Spent evening on porch

Saw Wood Thrushes in field song in Thursday woods at 7 P.M. - A Summer Concert

Glendale

12 Ther 80° Wednesday, June 10, 1914 Wea Fine

Clear & warm with light S. W. wind.

Writing in my room all forenoon & earlier part of afternoon; through the open windows came a continuous flood of bird music contributed chiefly by Robins, Red-eyes, Wood Pewee, Vireo, Song Sparrow & Ovenbird with more & more of the notes of a Wood Thrush. The Vireo sings mostly under the front porch roof his voice seems to flood the whole house. Night before last, at 9.30, we heard him in the nest on the pillar under the roof occupied by him last year but originally built by a Robin. From it he peered out into the full blaze of an electric light only a few feet away which an automobile was charging at the Hall and seemed dimmer gazer imaginable as with head tilted & eyes blinking it watched us. Yet he seemed to take only mild interest in all this hubbub.

Dan & I out together 3.30 - 7 P.M. First we sat for an hour in glade behind the studio [illegible] strolled along wood road to Hagen's Pond, then crossed the brook (flushing a Veery from nest, 4 eggs, underside of cover) to Knights farm where we reclined on hay in grass until late afternoon. Never before has the place seemed so beautiful to me. The light & shadow wonderful. Many Bobolinks

Glendale

Ther 80° — Thursday, June 11, 1914 — Wea Fine

Brilliantly clear with high northerly wind shifting to S.W. in afternoon.
Writing letters all forenoon & early afternoon. At 3.30 P.M. went with Dan to woods near pasture where we made a "beauty spot", as he called it, by enlarging & clearing up a little glade encroached by big forest trees. An Ovenbird seemed much disturbed by these operations & finally we found her nest under a tiny hemlock near where we had been working. It held 5 young.

The bird music here is unusually rich & varied & a dozen of my guest pleasantly was. Practically every species of summer bird which one might expect to find in such a locality is present within hearing of the house but most of the species are represented by only a single pair each. Thus with birds as plants there is great variety of species but no great number of individuals.
A Whippoorwill sang all night long. Sandpiper Twilight this evening. Only a few Mosquitos.
Mrs. Schoonmaker & her daughter Louise came this afternoon. We spent evening in studio listening to phonograph records.

Glendale.

Ther — Friday, June 12, 1914 — Wea Fine

Brilliantly clear & comfortably warm with fresh S.W. wind.

Writing up Covered notes all forenoon & part of afternoon in my chamber where I have a convenient table by the window looking out over the back lawn to the woods & mountains.
Prentiss Trowell, Willis Youngs Son, arrived from Williamstown at 4 P.M. & went to walk with Dan & me. He took him first to the Ovenbird's nest & then to the Veery's, after which we visited the Knight farm & Laycock Glen grass on the hill top, until almost sunset.
Many birds singing among them a Field Sparrow, Vesper Sparrow (with only one opposing feature note like all the Baltimore kindred) Tanager, Veery & a Hermit on the mountain ridge. Dan & I remembered that it was just fifty years ago (in April 1864) that we heard our first Field Sparrow (on Belmont). He & I spent evening with phonograph in Studio

Glendale – Concord.

Ther. Saturday, June 13, 1914 Wea
First Spr chirm & Skarbirds. Fine

Clear & comfortably cool with light northerly wind.

Dan & I strolled about the place after breakfast & spent half an hour sitting on the bench in Standing woods. It was very beautiful & restful there with rich sunlight streaming through the trees & many birds singing, among them Nashville W.
I said good by to the family at 10.30 & motored to the Station to catch 10.45 train for Pittsford where I had lunch & then journeyed homeward in 12.13 train. The smoking room of parlor car had an interesting talk with Long Island man who lives near Nairobi, British E. Africa & with whom Roosevelt spent several weeks last year. His name Munro, also Percy Grant was at South Station. Took 5.12 train for Concord where Gilbert met me & motored me to home. First Spr Chimney Swallow.

Concord (Farm & Ball's Hill)

Ther Sunday, June 14, 1914 Wea
Fine

Brilliantly clear with fresh cool north wind changing to east & nor. & clouds gathering thro

Birds singing freely & generally every where all day. It was for this reason, no doubt, that they seemed more numerous than at any time in May, especially near Ball's Hill. At the Farm I noted all the Spr. settled here in late May except the Hermit Thrush, which is often seen & heard, & the Yellow-billed Cuckoo. A Gt Blue Heron, added to the Check List since June 3, was singing gloriously on the early morning. Robins seem rather scarce this spring now. The Bird that built the untidy nest under eaves of barn is incubating three. All the Barn Swallows still at their nests at Farm, Ritchie pl. & Bennis Pasture, six pairs in all. Five Horned Larks singing at Farm & one at Ritchie place.
Walked to Ball's Hill & back via Birch Fl. in forenoon. Found four Signs of Gypsy moth depredations here behind Blackmer Ridge. Raymond Emerson called at noon to Cook at Ritchie house. Spent afternoon reading & shooting about Farm.

Concord (Farm)

Ther Monday, June 15, 1914 Wea Fair.

Partly sunny, mostly cloudy. Thunder shower 8.30 - 9 P.M. Rather warm.

Spent most of day working in the flower beds in front of house & barn with Geo. After working them thoroughly we watered some of them in late P.M. using the big sewer pump & drawing water from the well with it. The ground is terribly dry & every kind of surface vegetation is suffering more than I have ever known it to before so early in the season.

Birds singing fairly well this day. Young Bluebirds looking out of nest hole in elm calling the parents for food continuously.

At 7 A.M. heard the Hermit Thrush singing in direction of Birch Field as I stood on front door steps & a moment later heard a Veery far off towards Nine Acre.

Concord (Farm)

Ther Tuesday, June 16, 1914 Wea Fine

Mostly sunny with great cloud masses driving before a raging N.W. wind. Very cool air moving.

Spent entire day near house with Joseph & Geo watering flower beds. Following my usual custom I family drenched all I undertook to do, working the ground thoroughly to a depth of a foot or more. Wherever possible we used the big sewer pump with a strong jet nozzle but much of the water had to be hauled to beds beyond direct reach from the well. I also transplanted a lot of Zinnias, asters, Snapdragons etc. Thanks to the perfect rest I had at Glendale my normal strength has been restored at last & my unremitting work all day has left me but little tired. Birds silenced by high wind. 2 ♂'s Towhees together briefly; one bird back from S of house at 6. P.M.

Concord (Farms & Ball's Hill)

Ther Wednesday, June 17, 1914 Wea Fine.

Brilliantly clear with fresh westerly breeze, Heather roaming not out. Perfect day.

I was comm down to Spring. I went with him to Birch Field, where we sprayed a large white oak, & thence to the rear of Blackmore Ridge where he & George spent remainder of day. The oaks there are badly infested & would might Stratford. Gilbert comm walked the motor car at 10 & took me back to Farm. Lu P. M.

Zeph & I motored two Canterbury lads & sprayed some wild apple trees in Barry Pasture. After that I strolled about the place with Tiny Tim, the little terrier. As I was standing behind the house at 6 P. M. listening to a Veery, 2 Robins & a Bobolink, all in fine song at once, a Woodcock comm flying low & shortly past me from direction of Barry Pasture. I thought it alighted somewhere in the garden. It is earliest record by me this year.

Concord .. Wolfeboro.

Ther Thursday, June 18, 1914 Wea Fine

Clear & cool with light westerly winds.

Gilbert & I left Farm at 8.15 a. m. & motored to Cambridge via Sandy Pond & Trapelo road. Spent two hours in Museum & leave going thence to Boston about noon to lunch at South Station & take 1.15 train for Wolfeboro which I reached about 5.30. Gallup not me there. Went direct to Mr. Haley's house where I am to stay. Signed diplomas & walked about Academy grounds before supper. Very few birds singing. No Bobolinks, Meadow hawks or Orioles. Strong colony of barn Swallows nesting under eaves of Academy, mostly on front (easterly) side, and of Purple Martins in boxes a little further up road. Spent evening discussing school conditions with Haley & Sargent. They feel strongly that Miss Hunter is a detriment to school. Mr. & Mrs. Haley can ill afford to stay on much longer unless they get rid of. Can it be done & if so how?

Wolfeboro

Ther Friday, June 19, 1914 Wea Mixed.

Sunny forenoon, cloudy afternoon, heavy showers (without thunder) from 4 P.M. to past midnight. Cool.

Spent forenoon strolling about town. First attended religious exercises at Academy. Kept moving about grounds & buildings with Galbraith. Then retired to village & talked for an hour with Judge Abbott. Met there Dr. Getchell of Wolfeboro & Hon. Lucius Tuttle of Tuftonboro, both bright, interesting men, the former in charge of Soldiers' Monument fund. Luncheon at the Odiorne with 19 women teachers & pupils. Then to Library for talk with Cousin Elizabeth Arthur E., Prof. Bond & Judge Young arrived by boat at 3. Trustees meeting in Academy 3.30 - 5.30. Dinner called & served by pupils 5.30 - 6.30. Graduation exercises Town Hall 8 - 10. Adjourned Trustees meeting in Library 10.30 - 1 A.M. Unanimous vote passed that Shaw be requested to seek another place for fall term as no word of hers at 12 A.M. & you do dark we called see neither then nor hereafter.

Wolfeboro - Manchester-By-The-Sea

Ther Saturday, June 20, 1914 Wea Fine

Clear & very cool - almost frosty - with raging north - west wind.

Breakfast at 5-45 A.M. Prof. Bond & I took 6.20 train South & separated at Dover. I got to Boston at 10.30. It was too cold that I should in that town with my overcoat on - & left it on my car case & Stations & Boston Streets. Spent hour at Offices & bought two Spring Jumps & down & then Chirps at Tolbot, Dick's Furnishers where I met Harry Spurman. Dined at Thorndike & then took car to Harvard Square where had my hair cut. Took to Boston & to Exeter 3.15 train to Manchester where Mrs. Dana met me at Station with Ford car. On reaching home we went down to Beach where we found Dick Dana. He & I walked about there awards until dinner time 7 P.M. Found heavily upstairs & almost totally bedridden life. Talked all evening. Edmund Davis's Employer was there

Manchester-By-the-Sea

Ther Sunday, June 21, 1914 Wea
Visit at the Davis' Fair-

Sunny but hazy with thin veil of clouds drifting across sky. Wind southerly towards comfortably cool.

With Richard & Edith Davis I attended services in a pretty little Episcopal Chapel beyond Manchester bridge 10.30-12. A young Clergyman preached a fine sermon. Near the Chapel stands a remarkably large & symmetrically spreading Red Oak. Motored over & back in a Ford car. After lunch we all sat for awhile on a bench on the Lawn, Mrs. Edward Davis with us. Without has we had a rather long motor ride in early afternoon passing through Essex village & thro' beautiful Essex woods. When nearly home Richard & I left the car to visit a marshy woodland pond where we flushed 2 Night Herons from trees. After which Kept on to the Gardiner Davis place, where we met Mr. & Mrs. Davis in their home garden. In hazy & unsteady & desperate way I have seen them elsewhere. Spirit worry by person from letting. The Davis woods almost bottom of Bird life.

Manchester-Boston-Concord

Ther Monday, June 22, 1914 Wea
Fair

Sunday with fresh, cool southerly breeze

With both Mr. & Mrs. Davis I motored to Gloucester at 9 a.m. & took 9.15 train to Boston with Mrs. Davis. At North Station we met Mrs. Sam Edmunds. I left them there & went to Old Cornhill for an hour. Reached Cambridge at noon & started for Concord in Ford car at 1 reaching there at 2 & dining at Colonial Inn. Had a Farm about 3. Spirit reminders of afternoon thereby almost none here. Birds singing freely. Hay seemed unseasonable after the experience at Manchester yesterday & the day before. In the evening on mossy acres of Davis woodland I noted in all less than a dozen birds I has seen 1 Robin, 1 Song Sparrow 2 Red eyes, 1 Oven bird, 1 Pine Warbler, 2 Black-throated Green, 1 Maryland Yellow-throat, 1 Junco Bird. The deepest portions of this woodland has been more or less logged-over & also the Manchester Woods bordering Davis'

Concord (T'arm)

Ther Tuesday, June 23, 1914 Wea T'arm

Clear & warm with light, cool E. to S.W. breeze.

Spent forenoon with Zeph & George stalking out road roads in Birch T'wld & through orchard at foot of lane. Birds singing freely & well especially in Pulpit Rock woods & about T'arm. Cut brush in front of house in fruit garden all day. Cuckoo & Bobwhite heard frequently.

Walked about T'arm alone in P.M. passing time etc. T'found a few ripe blueberries. Strawberries plentiful. Plenty of fruit ripe shortly.

Evening delightful with light, cool southerly wind. Sweet hedge high covered carrying clear about house for long on horse or mare, afoot or mowing or dig digging trenching for seeds. I sat in the garden walking about & listening to the evening singing of various birds

Concord - T'arm

Ther 86° Wednesday, June 24, 1914 Wea T'arm

Clear & oppressively hot with light westerly winds.

Gilbert & I left T'arm at 8.45 and motored to Cambridge via Sandy Pond road to Lincoln & thence to Waltham. Heard Wood Pewee in Lincoln, Orioles & Meadow Larks in several places. Reached home shortly after 10. Spent remainder of day in Museum working Letters & Chapters. Lunched at the Little Coffee House Tea house on Brattle St. & found the food very good. Saw & talked with Mrs. (Rotch) Greenough there. Gilbert motored on down. Took trolley car back. Rained about in afternoon. Called at 7 P.M. Concert at the Arlington Cotton. Only Anna at home Talked with her on pictures for half an hour or more

In the Garden during Robins, Red-b finch 6 Blue Jays (at least 4 of them young), 3 or 4 Brown Thrashers, 1 Red-eyed Towhee & 2 Song Sparrows.

Cambridge - Boston - New York

Ther 94° Thursday, June 25, 1914 Wea 7 a.m.

Clear & intensely hot with light southerly breeze.

To Boston at 10 a.m. Spent most of day in our offices. Signed the regularly quarterly disbursement cheques & dictated a letter to Miss Hearter in reply to one that came from her this morning. Arthur, also, had received & answered one from her. She talks her discomfort heat & thinks (or claims) she has been unjustly treated. Dined with Arthur at Young's. It was suffocating there but not half so bad as in the train that I took at Dartmouth St. for New York at 5:04 P.M. We cooled off a little before reaching Providence & had a healthy refreshing sea breeze as we skirted the shores of the Sound. But now that I am settled for the night in Murray Hill Hotel it seems as hot as at any hour during the day. The hotel is almost deserted, apparently

New York - Washington

13 Ther 94° Friday, June 26, 1914 Wea 7 a.m.

Clear & hot with light westerly wind.

Despite the heat I had a good night's sleep & arose refreshed at 7 a.m. to breakfast at the "Biltmore" where they served me fairly well. Took 10.05 a.m. train for Washington. Although intensely hot there did seem to be a refreshing breeze yesterday & as the car windows were opened wide I had a not uncomfortable journey. To my perception the Delaware Peninsula felt little, if at all, hotter than the Connecticut shore as we were passing Baltimore. Then the clouds rose, a cooler wind & heavy rain began. Strange to walked in full storm & walking a handsome street along Railroad Reached Washington 3.15. Henry met me at Station & we went to Dolan's by trolley car. After dinner we decided to rest & sat there talking until the storm came over. Dead calm, pleasantly warm. Robin, Thrush & Catbird, Cardinal, Cat bird, Titlark Warbler & Finch? Wood Thrush, Song Sparrow, Field Blackbird & Crow & a Night Hawk flying past.

Washington

Ther Saturday, June 27, 1914 Wea Fine

Sunny with strong S. W. wind. Intensely hot & humid up to 4 P.M. when a thunder shower arrived to cool the air

When I awoke early this morning the calm, restful air was ringing with bird voices coming from far & near from the wooded valley of Rock Creek below the Osborn. Rarely has a more varied & delightful concert come to my ears, it was furnished chiefly by 2 or 3 Wood Thrushes, a Cat-bird, Carolina Wren, House Wren, Towhee, Indigo Bird, Goldfinch, Yellow Throat, Red-eye, Robin, & Jewel. Also heard Acadian Fly & Englishman

To Dr. Castell's office at 8.30. He walked on my teeth until 10 when I went to Cabinet & stood until 1 when Henry & Nelson came to dinner with me. Also met Clark. Had terrific indigestion.

Henry & I returned to Osborn at 3.30 Kept in until dinner by thunderstorm. After it Bat on roof for an hour & then called on the Marshalls. Had Elizabeth & Jacqueline [illegible] on their front steps. Henry and I dined.

Washington.

Ther Sunday, June 28, 1914 Wea Mixed.

Forenoon cloudy with fresh, rather cool southerly wind. Sun out by 11. After that blazing hot & disagreeably humid until 4 when a tremendous thunder storm began & lasted almost without intermission for five hours during which rainfall heavily most of time soaking the air very agreeably.

Awoken from birds concert in early morning with the voice of a Yellow-throated bird added to chorus. Henry & I started for Chevy Chase at 8.30 & spent forenoon there, he playing golf. I sitting on piazza of old Virginia type farm house talking with the Virginian occupants & some of the numerous golfers from the city, the former being a comely young mum deeply interested in field sports & the training of setter dogs. Both of birds about the place among them a pair of Orchard Orioles & Red-headed Woodpeckers nesting in two standing horns. Meadow Larks & Prairie Horned & Barn Swallows flying over fields & nesting in old barn. Dressed for Henry's dinner & afternoon & evening there reading & [illegible]

Washington.

Ther Monday, June 29, 1914 Wea Fine

Brilliantly clear and delightfully cool with fresh northerly wind.

To Dr. Casteel at 8.45. He kept me until 10 when I went to Cosmos Club where I read and wrote until 1 P.M. & then lunched alone. Starting out an hour later I first called on Roberts who was not in his studio and then went to National Museum where I spent remainder of afternoon chatting with Richards, Means, Oberholtzer, Clark & Riley. Back to Ontario by 5:30. After dining Henry & I walked eight or ten blocks to a Movie show out of doors when we sat until 10. Admission ten cents. Place crowded. Most of films trashy & melodramatic but perfectly "clean". Includes many middle class people largely women & children. Nights are always too cool for comfort with the skies nearly overcast & still blowing.

Washington.

Ther Tuesday, June 30, 1914 Wea Fine

Clear & very cool with strong north wind. Early morning cool enough to need a light overcoat. Delightful.

To Dr. Casteel at 9 a.m. Thence to Cosmos 10.30. Lunched alone there. Back to Castelli at 2.30 to 3.30. In Rock Creek Park 4 - 5:30 sitting on bench by Tennessee path. Air cool & fresh this nearly calm. Foliage of fine old forest trees fresh & luxuriant. Many birds. Red-eyes & Cat birds singing & feeding young on wing. Occasional fly-catcher calling wheezy-chip & chasing Cedar Waxwings into drooping bills. Solitary Veery singing clear about Robin & song Sparrow for 5 P.M. Minoletta ♀, Worm-eating Warbler (♂ singing) Louisiana Water Thrush Song Sparrows Scarlet Tanager feeding young Chewink Flicker ♂, Crow Cawing. Trees tall, slender timbered with offset. primeval growth Mostly beech, Chestnut, Red & White Oak, dogwood

Henry & I sat on roof of Ontario 7-7.45 P.M. Splendid outburst of Coyote voices in Zoo. Lasting about 2 minutes. It sounded like loud clear human shouting & was very impressive

Washington

Ther Wednesday, July 1, 1914 Wea

Dull.

Cloudy & cool – damp cool – with frequent light, April-like showers. Night something in mist

At Dr. Casteel's 9–10.30 a.m. & 2.30–4 P.M. He took out a second bridge. As the first had not been replaced I had difficulty in eating anything save bread & soup. Lunched at Hotel & spent several hours there, reading & writing letters. Called on Roberts, cartoonist Washington Bridge athlete, whom I once (about 1885) mistook for a policeman while collecting in Virginia & have not seen since until To-day. He received me very cordially in his sporting goods store on West York Avenue. He has a summer place above Chain Bridge, alive with birds, he says. Olive Gretchell in her cherry tree there yesterday:

Cat. bird, Robin, Cardinal & Thrush, in driving near the Gardens, 16th St., this forenoon. Back at Ontario by 5. To Columbia Theatre with Henry & Nelson this evening – Saw "Prince Karl" an amusing farce, well acted.

Washington

Ther Thursday, July 2, 1914 Wea

-7 in

Clear & rather warm with fresh westerly breeze. Altogether a delightful mid-summer day by no means too warm for comfort.

To Dr. Casteel at 9 a.m. He restored the "Bridge" removed yesterday & cemented a filling in place. After leaving him at 10.30 I spent the remainder of forenoon at Cosmos Club & Smithsonian. Afterwards visited office of Hamburg-American Line to enquire about C's steamer, the "Moltke". They told me it is due at New York on the 6th. I wrote to New York office for confirmation of this.

Returned to Ontario at 4.30. Henry came back from golf links at 5.45.

We went on the roof after dinner & remained there until dark. The air was wonderful, yet cool. Heard Thrushes, Catbirds, Robins & a Tanager singing with Big green Locust (of kind to annoy at Cobb Isl. & Santa Fe mountain) shrilling near us on roof. Went down to our rooms at 9 & retired. Enjoyed a couple of hours.

Washington

Ther | Friday, July 3, 1914 | Wea Fine

Clear with fresh, cool N.W. winds.
Perfect Summer day.

Wonderful bird chorus at daybreak.
Never before have I heard finer singing on
the part of Wood Thrushes, Cardinals, Catbirds
& Carolina Wrens. Their music seemed to fill
my chamber as I lay in bed listening to it
At Dr. Castleís 9-10.30 and 2.30-4.
He put in a new bridge to replace the
one removed last Sept. It was perhaps the
most painful ordeal I have ever had
to undergo for the gum was very much
inflamed. Spent interim reading & resting
at Cosmos & returned there. Back to Ontario
at 5. Henry & I started for Chevy Chase
Park at 7.15. We got there about 8 and
& strolled idly around the Shallows, marshy
pond of about 3 acres / miscalled a "Lake".
Acres grackles in full cry & making a
great racket, almost deafening near at hand.
Most of them in woods among Potomac Park trees
but I caught one on ground - a pretty chestnut
tree & powder heads, uniform & unspotted cry.
One Green Heron flying. Swallows & Martins
One Wood Thrush singing. Bluebird & Meadow Lark

Washington.

Ther | Saturday, July 4, 1914 | Wea Dull.

Cloudy & very cool with light southerly breeze.

Birds singing freely throughout day.

To Dr. Castleís at 8.30 a.m. He
worked on my teeth until 10.15
when I went to Cosmos &
spent an hour there. Back to
Ontario by 11.30. Henry returned
from the golf links an hour
later - I went there with him
in the afternoon & spent a couple
of hours very pleasantly sitting under
the trees watching the players &
talking to the birds. There were
hundreds of people there & lots of
birds. Among the latter I heard
Jays, Mourning Doves, a Flicker
Sparrows, a Song Sparrow, Chipping
a Tanager, Cat Birds, Maryland
Yellow-throats, Red-eyes etc.
Henry & I sat on the Veranda of the
Ontario after dinner. Saw Elk in
opening among trees.

Washington. New York.

Ther Sunday, July 5, 1914 Wea Fair

Mostly cloudy with occasional showers. Intervals of sunshine. Cool with light southerly breeze.

Splendid chorus of bird voices in early morning. Cardinals, Wood Thrushes & Robins are there very best. Cat birds & quality do.

Henry & I breakfasted early in bis room. He went to golf links & I to St. Catherine where the last finishing touches were given to my new "bridge" Henry joined me at Customs at 11. & went with me to Union Station at noon. I took 12.30 train to New York. Looked out of window north of Wilmington. Saw a Spotted Hawk. Meadow Larks & Bobolinks. Then Coot to Back River & beyond. Improvement by mowing & extent of Mongrel Corn fields. Some of ground awful. New York at 6. Went to the Belleview Turkish bath & afterwards

New York — Cambridge

Ther Monday, July 6, 1914 Wea Dull.

C. & E.R.S. land at Brooklyn

Cloudy with cool east wind. Heavy rain after dark.

Rose at 6 a.m. & had breakfast at 6.30 in lower dining room of the "Biltmore" leaving there at 7.45. I took Subway train for 39th St. Brooklyn Ferry. Passing down river in ferry boat I saw first a single Wilson's Petrel & then from birds of this species together, steering about east over the water & at times in wide expanses of Brooklyn. Yet well within the shelter of the harbor & within 300 yds of New York docks. Reaching Brooklyn at 8.45 I walked to Hamburg-American dock & inquired there for the "Molke". She came in sight at 10 & docked about 10.15. C. & E.R.S. were looking for me on the dock. They had a good baggage. We got their baggage through the Custom House by 11.45, Henry & I came direct to Grand Central Station in his Taxi cab. I went by Ferry & Subway. We lunched in station & took 3 P.M. train for Boston arriving 8.45. Percy & Henry met us. The latter took us back on cycle in Station & C. & E. had to come out in cabs as I did not like leaving before them.

Cambridge

Ther Tuesday, July 7, 1914 Wea Dull.

Cloudy with occasional light showers. Very cool. Open fires blazing all day in house & museum.

At least a dozen Robins, adult & young, assembled in our cherry trees, three of which are now laden with ripe fruit. Two or more Jays & several House Sparrows also attracted by them (I saw one of the Jays eat several cherries). Heard a Goldfinch calling. 2 Swifts flying low as evening.

Spent day in Museum working Letters & Cheques. Percy spent a while working on a large branch of our big Catalpa which broke last night under its weight of water-soaked leaves & blossoms & fell in the middle garden path doing but slight damage to anything. We shall miss it sadly for it drooped low over the path. The Tree is now in full bloom.

E. read aloud from Barchester Towers this morning. Clara & Louis Heron called but stayed only a few minutes.

Cambridge - Boston.

Ther Wednesday, July 8, 1914 Wea Fine

Sunny but hazy. Rather warm & humid with light southerly wind.

The Garden thronged with Robins & Crow Blackbirds, remnants of a dozen of each, attracted no doubt by the ripe cherries. There were also one or two Blue Jays, a dozen flock of House Sparrows, a Red-eye & a Goldfinch in full song, 2 Swifts flying overhead, a Flicker calling.

To Boston at 10 a.m. Spent two or three hours at our Office when I had a talk with Weston about Miss Hewitt and dictated a Letter to Hoffmann giving G. M. C. permission to use Town Hall for a Conc: Concert at Moreland. Took $1000. Mortgage note from Safety Vault & left it with Mr. Coes to be exchanged for a new one. He gave me no receipts. Called at Steinert's & looked at Victrolas. Think I shall buy $100 one. Home by 3.30. Fanny Randall called. At 5 C. arrived from trip in Forest to Wellesley bringing Belle Sun & Fiery Jim.

Cambridge

Ther Thursday, July 9, 1914 Wea Dull.

Cloudy & cool with chill easterly wind at nightfall.

Besides numerous Robins, Grackles & House Sparrows our cherry trees attracted to-day several young Orioles & one by their parents. At least so I judged by their sound of their voices. The birds themselves I failed to see. There was also a Red-eye & a Goldfinch in full song. A Robin sang long & heartily about noon. A young Robin with speckled breast came down the chimney into the big room of the Museum where Gilbert caught it, to be released out of doors.

C. sent Sun back to Wellesley by Percy early this morning. I spent day in Museum writing letters & Chapins. Miss Downey lunched with us. E. R. S. took breakfast for Bangor at 5th P.M.: Phelan called at 4 P.M. Mrs. Blackwell at 5th. Went over his lawn with Cathie. Pearson began work on remembering Camblin in laundry. C. [illegible] about this morn

Cambridge

Ther Friday, July 10, 1914 Wea Dull

Cloudy & cool with light easterly wind [illegible]

At least 25 Brownish Grackles & as many House Sparrows with exhausts of a dozen Robins frequented the Garden all day, making incessant raids on the Cherries. There were Orioles also, and a Red-eye & a Goldfinch singing and last Thursday & one or two Grackles observed at Arnold.

Spent day in Museum writing letters, Gilbert took "Twin Sins" to Wellesley in forenoon. He took nap in afternoon. Took just after dinner. I saw Thayer Sam Henshaw & Tom Barbour with reckon I spent about half an hour. C. stayed up stairs all day because of a headache. Miss Stimson came to call but in the forenoon & chatted with me. Pearson [illegible]

Sam Henshaw says 2 pairs of Chippies have spent the past month in or near his grounds on Farnsworth St.

Cambridge - Concord

Ther Saturday, July 11, 1914 Wea -Fine

Sunny hot & humid with light Southerly winds. Heavy Thunder shower at evening (7.30 - 8.30)

Spent forenoon in Museum writing letters. Dined with C. on Cold fricassee at 1 and went to Boston at 2 to Catch 2.40 train for Concord where Gilbert met me, having motored up from Cambridge. Reached the Farm about 4 and strolled about it until supper time (7 P.M.). Everything fresh & green after recent copious rains. Plenty of ripe raspberries, Thimbleberries, currants & gooseberries. Blueberries just coming on.

Birds singing rather freely in Cent. P.M. Robin, Cat. Bird, House Wren, Red-eye, Song Sparrow, Ovenbird, Junco & Maryland Yellow. Warbled in fresh song. Red-eye feeding young Cat-Bird in orchard. Two Barn Swallows flying low past house uttering the Kree call.

Concord (Farm)

14 Ther Sunday, July 12, 1914 Wea -Fine

Clear & warm & very humid with light west wind. Heavy Th. Storm 5 - 5:30 P.M.

Birds singing freely & delightfully all day long but rested at noon & eve. Rarely have I heard them to such good advantage. Chewink late in forenoon. Robin, Cat. Bird, Wren, Song Sparrow, Junco, Chipping Sparrow, Indigo Bird, all on their best. Hermit Thrush on Birch Field in full song 9 - 10 A.M. & again at Sunset. Veery singing most at 9 A.M. Warblers usually silent or nearly so but am Blackburnian & three Black-throated Greens in full song in early forenoon.

Walked to Birch Field & Pasture before breakfast and strolled about Farm in Cent. P.M. after the heavy shower had passed. Owing to height of the rain fell in sheets & flooded hollows in fields. Gypsy caterpillars spinning cocoons. Saw 2 Brown Tail moths.

Concord – Cambridge.

Ther Monday, July 13, 1914 Wea
Railway Dean here. f'ine

Clear. Forenoon calm & hot; afternoon with cool easterly breeze.

Spent forenoon at Farm working with Bradbank & Zeph on flower beds near house. Also went (at 9 a.m.) to Brick field with Geo. Baker to inspect some work he has been doing on road. Then. Heard Thrush in full song near for from Public Hall. Many other birds singing freely & work especially Robins, Cat Birds & Song Sparrows. Gerbert & Zeph finished a lot of red spruce, Thimble berries, Strawberries & transplanting to bottle in Cambridge.

We left Farm at 3.25 P.M. (in the Ford car) & motored to Cambridge via Concord, Bedford, Lexington & Arlington Heights. Saw upwards of 25 Barn Swallows on telegraph wires & also many more at Minuteman Statue & on bridge. 50 Bank Swallows at Lincoln bridge. Home by 4.45. Thunderstorm & heavy shower with C. & me on open back piazza at 7". Stopped raining 10. Hot part of December 20 to sunset.

Cambridge.

Ther Tuesday, July 14, 1914 Wea
Work on Umbrageous Redwoods f'ine

Clear & just pleasantly cool.

Robins & Red-eye singing freely through day in the Garden. Only a few Brown Thrasher & House Sparrows, the Cherry crop having been nearly depleted by them. Saw a Blue Jay eat a large ripe heart Cherry. He managed it in characteristic Jay fashion holding it half under his foot on a short branch & pecking at it as if it were an acorn. Altogether he made at least half a dozen "bites" of it. He was a young bird about the size of the Brown Thrasher that Percy took just out of the nest on June 12. Apparently the Jays have reared here a second time since then for on the morning of July 11 Percy brought me a young one almost fully grown but only half fledged which he had just found dead on our front walk (it was young finch & must have fallen from a nest in one of the big linden trees.

Spent day in Newton. Redwood work in forenoon on unfinished Mr. Hemond book & copying from Lawrence book. Photographed for C. book and Class Day. Hemond Edwards

Cambridge.

Ther Wednesday, July 15, 1914 Wea Fair.

Forenoon cloudy; afternoon sunny. Comfortably cool with light E. wind

Comparatively few birds in Garden. Only a Robin & a Red-eye in song. Two Jays, a few Grackles & probably a dozen Sparrows raiding this depleted supply of cherries. The Goldfinches. Apparently there are none feeding on the Garden this season.

Spent day in Museum. Worked on Great Horned Owl Story in forenoon but wrote only a single page of first rough draft & part of this were completed. C. Copied Kaiser paper recorded by me yesterday. I wrote a long letter to Dr. Allen in the afternoon. Gilbert took the Ford car to Concord Junction & had Stovall absorbers put on it. Then. He says it runs much more smoothly.

C. & I called on Mary & George Thorn this evening. After returning player to the Victrola & the used Tambarine to new

Cambridge.

Ther Thursday, July 16, 1914 Wea Fair

Forenoon cloudy; afternoon sunny. Uncomfortably warm & humid. Light S.W. wind.

Robin, Red-eye & Goldfinch singing in the Garden. 2 or 3 Jays & Grackles & 5 or 6 Hour Sparrows visiting cherry tree now almost stripped of fruit. Song heard overhead. Sparrow Hawk seen by Gilbert at Donald Park.

Spent day in Museum, working all forenoon & part of afternoon on Great Horned Owl Story. It needed but three paragraphs & I wrote only a page to-day, being badly out of practice.

A man claiming to be an agent of Stanley Bros. came in one of their motor cars at 3 P.M. & took me around Trade Road in it. It ran very smoothly. I refused to commit myself in any way.

Gilbert motored C. over to Randolph in a-m, the same Henry & Riley. She & I read aloud & had Victor music this evening.

Cambridge.

Ther Friday, July 17, 1914 Wea Fair

Partly sunny; pearly cloudy. Very warm & humid with light Southerly breeze, freshening towards evening.

A Robin, Red-eye & Goldfinch singing in the Garden at intervals through day. A Yellow Throat sing long & loud in the bushes shortly after breakfast. Several Grackles on the Campus. Robins House Sparrows & Grackles feeding eagerly & frequently on ground which is literally swarming with Toad tadpoles. Percy picks up Screech Owl feathers in Garden a Jungle almost daily yet has seen no Owl about the place all summer. He thinks one must be coming by night & spending its days elsewhere.

I worked all day on Grant Horned Crab Story but accomplished little more than recasting matter already written. E. typed wrote & phoned in forenoon. We heard phonograph music & reading from Tennyson this evening.

Cambridge - Concord.

Ther Saturday, July 18, 1914 Wea Fine

First Cicada.

Brilliantly clear with fresh W. wind. Very warm but not humid. Evening comfortably cool.

In the Garden a Robin & Goldfinch in full song. Did not hear the Red-eye to-day. Several Blue Jays making a variety of wheedling sounds. I thought at first that a Catbird was singing. Heard a Cicada for first time.

Spent forenoon in Museum working on Grant Horned Owl Story. Added two pages, compiled from my journal, thereto.

Gilbert & I left the Museum in the Ford Car at 3.25 and reached the Farm at 4.29. We went by way of Waverley, Lexington, Bedford & Carlisle bridge. Saw a Quail in road near Tilly place. Birds busy as usual at Farm especially Robins. Myriads of fireflies after dark.

Concord (Farm & Balls Hill)

Ther Sunday, July 19, 1914 Wea

7'oy barking 8.30 P.M. 7'am

Brilliantly clear & comfortably cool with fresh Northerly wind.

Robins, Wrens, Red-eyes, Cat-birds and Song Sparrows singing freely throughout most of day. Heard Thrush in Brick Field (near Spring) and 2 Vireos in Berry Pasture in full song towards Sunset. Towhee singing at intervals all morn & afn. Maryland Yellow-throats & Redstart singing occasionally. Partridge drumming near Spring at 10 A.M. & another on Balls Hill (Back side) at 11.. 7'oy barked a few times in or near Berry Pasture 8.30 P.M.

Went to Brick Field with Gerry Balch soon after breakfast. Joined there by Stud Burbeck & Fred Gallagher. Took them to Davis & Balls Hill. Then Harvard Thorn Cabins etc. Back at noon. Called at the Hosmer's and Bull & Mrs. 2-30-3. Strolled about Berry Pa & to Brick Field in Late P.M.

Concord - Cambridge.

Ther Monday, July 20, 1914 Wea

7'am

Brilliantly clear & deliciously cool with light N. W. wind.

Gilbert motored me to Concord after breakfast & I took the 8.03 train to Arlington. Reached home at 9.25. Wore a light overcoat all the way, even on the cars either. I sat & talked with George Keyes. Gilbert returned to Farm to get a load of Balsam together etc. He did not reach Cambridge until 4 P.M.

I spent most of day in Museum working on Great Horned Owl Story. Completed 2 pp. from foolscap. C. Tyler wrote for two hours copying 4 pp. We walked over to Mrs. Sanders this evening & saw her for first time since her recent accident. She is now out again - with her broken arm in a sling.

A Goldfinch the only bird I really enjoyed in the Museum but a Towhee Hermit a few moments there

Cambridge.

Ther Tuesday, July 21, 1914 Wea Mixed.

Flight Heron.

Forenoon sunny & rather too warm & humid for comfort. Thunder, lightning & rain 2 - 4 P.M. after short shower. Hilly & afternoon cool one.

Bird life in Gordon at rather low ebb. Blue Jay feeding has second brood of young now strong on wing and feeding. Two Quilty forenoon are worth all manner of whining, squealing & otherwise complaining sounds. Two Grackles & an Flicker on coats. Ruby & Goldfinch in fresh song. A robin & song a little, tiredly, at evening. Very little obvious insect life except that afforded by an occasional Butterfly & from Papilio Turnus & flying about in the bindows this morning. Dirt flies seem to have quite forsaken us.

Spent day in Tunderon reading on Great Horned Owl story & other folklore. After Supper C. & I took carriage to Mrs. Gordon, called at next house on Willard St. & called on Mrs Chapman (Hillcrest

about 8 P.M. heard the young G.H. Owls

Cambridge.

Ther Wednesday, July 22, 1914 Wea Fine

Brilliantly clear & delightfully cool with fresh N. W. wind.

The family of Blue Jays, a lot of House Sparrows, two or three Robins and one or two Grackles were the only birds I noticed in the Gordon. A Swift was heard flying over it.

Spent most of day in Museum working on Great Horned Owl story & reading proof forepart. Somehow I cannot seem to work at all now although I try considerably from day to day. The trouble is largely words which will not come but there is also a paucity of ideas & general confusion of thought. C. types rest of for two hours in the A.M. 2.30 P.M. the Stanley agent came in one of their cars & insisted we go over to their factory which I found most interesting. I made them up for missing Mrs. Lemuel Shepard with me this morning & Harry Barbeau called after dinner

Cambridge.

Ther Thursday, July 23, 1914 Wea Stormy

Raining lightly & fitfully in forenoon, heavily & consistently in afternoon - cool & almost windless.

A Red-eye sang freely & well in the early morning, a Robin at intervals all day. Noted no other birds about the place.

Worked all day on Grand Monarch Book story without making any progress whatever with a paragraph begun yesterday morning. Although it is disheartening enough to thus wander vainly from & frozen myself to call it philosophically do we are beyond any power to help. Nevertheless I cannot help fearing that what little gift of writing I have ever had is forsaking me for ever. Certainly it was seldom present when I most wanted it.

C. motored to Wellesley in afternoon & brought back both the dogs. Tiny has taken to nights. C. found it necessary to have scissors mended, this morning

Cambridge.

Ther Friday, July 24, 1914 Wea Fine

Clear & cool with light W. wind.

Robin singing freely but rather feebly in afternoon, Red-eye singing brokenly. Several handsome butterflies, including a Swallow. Tailed & a Milkweed, and Dragon Flies of two kinds visited the garden to-day. There was a solitary Firefly there to-night. Toad tadpoles beginning to turn into tiny Toads. Two scores bigger than a pea had lost their tails & were ashore this morning.

An adult & Brown-tail Moth appeared on lawn in front of house accompanied by 2 full grown young. I noticed presently that the old bird was pecking at something. It proved to be a dead Hairy Spider, young bird feebly plucked. The Brown-tail first pecked it, precisely as a Hawk would have done, scattering long hairs as much as body. Afterwards over the grass. Then it began eating it but flew off with it in its bill when I approached. The young, also, made several dashes at it.

Worked all day on Mr. H. Book, having received & forthwith corrected another, seemingly well hard stuff. Miss Cary Peabody & Miss Cary Parsons dropped in with C.'s car on their return from a visit to M.

Cambridge - Concord.

Ther Saturday, July 25, 1914 Wea
7 a.m.

Clear, warm & rather humid with light S. W. wind.

Spent forenoon in museum working on Gr. H. Owl story & adding 2 pls. completed, however. Percy brought up this two days and they were together on friendly terms in house or garden all the morning. Sorry Tuller did not come up at 1 on both previous days.

Gilbert & I motored to Concord in P. M. starting at 2.45 & reaching Town at 4. Went by way of Waverley, Lexington & Bedford. Saw a pair of Sparrow Hawks near Hospital Road & a few Kingbirds & Barn Swallows about. Robin, Horned Lark, Song Sparrow, Towhee & Goldfinch singing well, a Red-eye Greenish, an Indigo Bird over on wing. Started a Greenfinch about Brick House from meadow down & found in Barry Pasture. Raspberries, thimble berries & blackberries still bearing very well.

Concord (Farm)

Ther Sunday, July 26, 1914 Wea
First nocturnal migrants heard. 7 a.m.

Clear & very warm but not humid. Light westerly wind.

At 5 a.m. heard the chirp of a migrating Warbler flushed unknown.

When I awoke at sunrise a Robin, Redeye, House Wren, Song Sparrow & Towhee were in full song. They all kept it up until 8 & the Towhee & Wren through most of day. There were two Wrens singing at 10 a.m. near the farm house & one on the Telephone pines. A Hermit Thrush in full song near Pulpit Rock at 9 a.m. Also a Black-throated Green Warbler & P. M. a Yellow-throated Vireo in farm whips.

To Brick Field with Geo. Baker after breakfast. He is getting the new wood there into good shape.

Returning found a young man from Concord named Sawyer. He wanted to buy all my live mealworms but I declined to sell any of them. Jim Melvin came at 2.30. He motored me to Carlisle where we saw all the Robbins family & to Geo. Hobbs's where we saw only Mrs. Carter ...

Concord - Cambridge.
Mysterious scarcity of female Gypsy Moths &
Chipmunk at Farm

Ther Monday, July 27, 1914 Wea
Fine

Clear with cool north-west wind.

Robins, Wrens, Song Sparrows & Towhees singing through greater part of day. Chippy & Redstart singing a little in P.M.

Spent most of day at the Farm. We began on a new poultry yard for the young roosters and worked on it all forenoon. After dinner the men helped Gilbert finish burning & I weeded some of the flower beds.

Saw a Chipmunk in a stone wall near the house this morning. It is the first & only one I have noted on the Farm this year. A young Red Squirrel was in the red pines near Kibbie Place when I passed there yesterday.

A strange thing seems to have happened to the Gypsy Moths. Lots of moths are on wing but no eggs found although searched Melvin Sargent reports them very scarce

Leaving the Farm at 5.15 Gilbert & I returned to Cambridge in the Ford.

Mrs. Cobb & young Fuller stopped with Ethel

Cambridge.

15 Ther Tuesday, July 28, 1914 Wea
Stormy

Light rain falling all day without washing things much. Very cool. We had open fires lighted this eve.

A Robin & a Red-eye singing faintly & listlessly. No other birds save a few Sparrows noted about our place. No southbound migrants noticed here as yet although I heard the chirp of one, doubtless a Warbler, that was passing over the Farm at Concord at 10.30 P.M. on July 26. Never before recollection perhaps have summer resident birds been so scarce in our grounds at this season. Probably the only ones that bred this year were Robins, Red-eyes & Blue Jays. Red-eyes & Goldfinches are apparently the only birds outside those Robins that continue to breed in our neighborhood.

Worked all day on Gr. H. (Red Story Research one page which C. had copied & tried in vain to complete. Busy day overseeing Mary Allen, Margaret Hoyt & Ethel Cobb. Fuller at dinner & tea. Left at 5 for the

Cambridge.

Ther Wednesday, July 29, 1914 Wea
First Hummer in Garden. 7 a.m.

Partly sunny, mostly cloudy. Very cool with light easterly winds

A white-throated Hummingbird, apparently a young ♂, fluttering about among our flowers. Then or four young Robins on the ground & an adult singing a little in faint Thrasher tones. Then young Jays, still in dull, light plumage, in the cherry tree. No other birds seen or heard about the place.

I worked all day on Gr. H. Ord Story completing a couple of pages in foreman & recording our after dinner chat C. had Copeland. She worked from 10.30 to 12.30. Gilbert motored her in town at 2.30 to see Mary Greenough & Rebecca who had just come from Triad the Doc. The Cobb-Fuller Tools Surfers with me on Book for some & after words listened to Victrola records until 9.-30 C. then read "Tomboyism" until 10.30

Cambridge - Boston.
Interviews with Judge Abbott

Ther Thursday, July 30, 1914 Wea
Dan Triad arrives Dull.

Cloudy & cool with frequent light showers.

A white-throat Hummer again in the Garden.

To Boston at 10 o'clock, when I met Judge Abbott by appointment in our office. We talked for over an hour. I told him about our appeal to Judge Dawson in re efforts for moving town hall & library and of his neglect thus far to give us any decision. Judge Abbott thinks he will approve our present course and is sure it is most heartily approved by the Welfare people, who would endorse it in town meeting if necessary. He says. He will speak to Judge D. about it soon. Declined two Cottons & signed a few Checks. Dined at Nordstrom and visited Stewarts where I got several more Vic. records.

Home by 4. Pick C. & I went to Harry & Alice Bartlett at 6.30 & had a good dinner & talk. Back at 9. Dan Triad arrived about 9.30 to & spent the night. We sat up until 11 o'clock.

Barnbridge

Ther Friday, July 31, 1914 Wea
Dan-French depositor 7 ins

Clear & very cool with little or no wind.

11 Red-eye, a Thicket & 3 or 4 Robins in the Garden, a Swift flying over us. Heard nothing else. The Red-eye was the only bird that sang. He kept it up for half an hour in the early morning & was in fairly good voice. The Goldfinches seem to have deserted us & I am more quite sure they have not bred near here this year.

Dan & I went through the Garden just before breakfast which we had on the back piazza. Soon after it I went with him to where the foundations for the Memorial have recently been put in in Honeysuckle Park. We found there the Carting Co cart for Bordsen to take him to Glendale this afternoon. I walked all the way on Gr. H. Dent Stony completing 2 ft. from the Hemingway rock border. Mrs. Cobb dropped in with Ann & her sister Carol later when we had Victoria sandwiches & cups of Stevens cocoa & a hard old bun. She sent "Stevie" back to Wellesley to stay

Barnbridge.

Ther Saturday, Aug. 1, 1914 Wea
7 ins

Clear & cool with almost no wind.

Three or four Robins flitting through the jungle, a Jay screaming there, a Red-eye singing well in the windows at early morning, Crows carrying afar off, a Solitary Flycatcher dressing its plumage which perching in the tree on a dead twig within three yards of my Study window and a few scattering House Sparrows: these make up the full list of birds seen & heard about our place to-day. The flowers show now at its best & is nearly full with Lunaria, Sweet Sultans, Shasley poppies etc. in full bloom.

Spent day in Museum working on Gr. H. Dent Stony & adding two fingers to border revising most of those already written. It is nearing completion at last. Never before, probably, have I spent so much time on anything & to so little purpose. Dorothy Fuller & Mrs. Cobb at dinner, the latter at supper. Mary Deane spent most of morning. We had letter from Mrs. Cobb saying daughter and

Jane & Victoria over last night & Ann last Tuesday & Wednesday

Cambridge.

Ther | Sunday, Aug. 2, 1914 | Wea Fine.

Clear & delightfully warm with light westerly breeze.

Red-eye singing (in early morn), Goldfinch calling (in distance), adult Jays screaming & young ones noticing & squealing, three or four Robins flitting about in Jungle, a Humming with plain robustic throat at air bee balm just before sunset

Spent most of day in Museum writing letters. C. went in town about to early dinner & returned with a badly bruised knee injured by her falling in Harvard Square & striking on the curb stone there. She took to her couch for remainder of day. J. dined at the "Cecil House" by invitation of Mrs. Cobb & during T'other with Mrs. accompanied me there.
All three strolled with me on our back piazza & afterwards listened to Victrola music in the house
War news worse & worse. Germany declared. To have declared war against Russia

Cambridge.

Ther | Monday, Aug. 3, 1914 | Wea Mixed.

Partly sunny, mostly cloudy. Some rain at daybreak & heavy rainfall after dark. Warm & humid

A Yellow Warbler, apparently a ♀ & doubtless a migrant from elsewhere, was flitting about in elm over driveway this noon. Near it was a mother Red-eyed Vireo accompanied by at least one cheeping offspring. A ♂ Red-eye sang rather feebly at early morn. A pair of adult Robins in the Jungle were much disturbed whenever Tim, the terrier, entered it & have been for several days past. Their anxious calling indicates that they have young either in or just out of the nest but I cannot find. Old & young Jays screaming & calling as usual. Heard the chunk of one or more Bobolinks in the distance at 6 a.m. They seemed to be moving southward.

Worked all day on Gr. H. Cook story without quite finishing it. C. typed it from 10.30 to 12.45. The Cobb-T'others dined with me on back piazza. E.R.S. returned from Bangor at 9 P.M.
War news more & more ominous.

Cambridge

Ther · Tuesday, Aug. 4, 1914 Wea Dull.

Cloudy & cool with light easterly wind

I heard this morning, in the Garden, some Warbler, perhaps a Red-start, which had a loud, full chirp. It was in the big willows where I had only the merest glimpses at it. The Robins were calling in the Jungle & every now & then I heard the shrill Squawking of their young who seemed to be scattered about in the trees.

Spent day in Museum working on Gr. H. Owl Story: Rewrote two pages completed yesterday, which seemed to be all right. I cannot accomplish. Went to Harvard Square immediately after dinner to have my hair cut. Walked back, looking at all the houses along the Street & wondering that there are so many that have stood there unchanged longer than I can remember. Victrola music in hall this evening also a little reading.

Cambridge

Ther Wednesday, Aug. 5, 1914 Wea Dull

Cloudy with cool east wind. We had open fires in the house all day.

Very few birds about the place. Saw one of the young Robins heard yesterday. It was bob-tailed & seemed able to fly. Parents made a great fuss. The male uttered a few song notes in early morning. Heard the flight call of a Goldfinch and of a Chimney Swift; also heard House Sparrows chirping.

Worked all day on Gr. H. Owl Story without accomplishing anything save the revision of two or three pages which C. typed in the forenoon. Never before have I got so hopelessly into the doldrums as regards literary composition. What can be the matter? There is no lack of ideas but words to express them with neat economy, become maddeningly involved & entangled.

The Cobb. Fullers dropped in this evening. Both are going away this week.

Cambridge

Ther Thursday, Aug. 6, 1914 Wea Fine

Clear & warm with light Southerly breeze becoming decidedly cooler on evening when the wind shifted into the east & clouds began to gather.

A ♀ Black & White Warbler in the lilacs, an Oriole flitting in the distance, a Red. eye scolding, a Goldfinch singing, 3 Jays screaming & quarreling, a pair of Robins with three little bob-tailed, squeaking young, and Hector first calling & then giving a full & forthright chanting & finally a few House Sparrows. All these were seen or heard within our grounds to-day.

I began on a new bird story - that of the Black-billed Cuckoo - this morning & had it nearly furnished by night, comprising two pages. Harry Spelman breakfasted & dined Fuller Stafford, with us. A.C. & P.M. I called on Charlie Deane in the old house. He has just come on from Chicago.

Cambridge.

Ther Friday, Aug. 7, 1914 Wea Fine

Clear & warm with light Southerly wind.

The Garden almost devoid of bird life. Saw a ♀ Yellow Warbler flitting about near fence in front of Museum. Heard both old & young Jays screaming & quarreling; also the twittering of one or more Chimney Swifts. Both Robins still in the Jungle calling anxiously whenever the dog or I entered it. I neither have nor heard Hector yet to-day.

Cicadas are in full blast now. They seem less numerous than usual but I usually hear one or two in the Garden daily. Not many Butterflies visit it now. Found about 20 dead or dying ♀ Gypsy Moths that had laid their eggs on or about bark of tree they emerged.

It is time for Tree Crickets to begin. I have been listening for them vainly for the past three nights.

Finished Cuckoo story this forenoon & C. copied it. Wrote 2 pp. of freshly composed matter about the Kingfisher in the afternoon. C. & E. R.S. read aloud in Peace Room this evening.

Cambridge.

Ther Saturday, Aug. 8, 1914 Wea 7 a.m.

Clear, very warm, almost windless. A rather humid & uncomfortable day.

Very few birds about. A Red-eye sang a little at early morn and a Robin. Still less at sunset. Three more Jays screaming in the jungle, a Flicker calling there, 2 Grackles on the lawn. Late in the afternoon a single Chimney Swift flew over high in air. Soon afterwards I saw a ♂ Sparrowhawk just across the street in Hubbard Park. He was preening his feathers in the dead top of a maple within 30 yards of a house & allowed me to walk & stand directly under him.

Worked all day on Kingfisher story revising matter written yesterday & adding about 2 more pages.
Strolled through Hubbard Park in late P.M. Returning tried to step over chain at our driveway entrance & tripped over it getting a rather nasty fall.
Miss Margaret Chapman called this morning & I saw her briefly.

Cambridge.

Ther Sunday, Aug. 9, 1914 Wea 7 a.m.

Clear & warm with little or no wind.

A Robin & a Red-eye sang briefly & listlessly in early morning. Jays screaming at intervals through day. Flicker calling. Swift heard overhead & Yellow Warbler flitting about pond. Male Gypsy Moths constantly in sight, sometimes 4 or 5 at once, looking for females but could not find one. No Tree Crickets heard as yet. They usually begin several days or a week earlier. A Black-faced Cricket has been chirping in the Garden for a week or more. I see Dragon Flies there occasionally - one of the big autumnal kind yesterday.

Spent day in Museum working letters & cheques. Leg rather troublesome as result of fall last evening. Could not walk much to-day.
Mary & Georg Deam came down this evening to hear Victrola records.

Cambridge

Ther Monday, Aug. 10, 1914 Wea 7 am

Clear & hot yet not oppressively so.
Brisk westerly wind.

A Robin & a Red-eye singing a little, feebly & haltingly, about 6 a.m.
Loud & prolonged alarm among Robins in jungle in late afternoon. One of them, no doubt a bob-tailed young, had evidently been seized by something, probably a cat. The poor things pitiful cries grew fainter & fainter & finally ceased before I reached the place & when there I could find nothing. A Warbler that I failed to see was chirping in the apple tree this morning. I am reasonably sure it was one of Yellow Warbler seen yesterday & before.
A very large Bat flying about low over garden in evening twilight.
Have just been out (9 P.M.) to Castle for Tree Cricket but could hear none. One Field Cricket chirping & many Grasshoppers fiddling, in our flower beds.
Worked all day on Kingfisher story adding three pages, partly completed.
C. & I composed 4 Hr. We had Victrola music after dinner & also this evening.

Cambridge

Ther Tuesday, Aug. 11, 1914 Wea 7 am

Clear & hot & rather uncomfortably humid. Thunder shower at 8 P.M.

A Red-eye singing listlessly in early morning, A Robin uttering in late afternoon a few subdued, but clear & exquisitely modulated, notes of the normal song. They were uncommonly impressive, because of the "morgen of silence"
Heard a Warbling chirping, probably this season one heard yesterday & thought to be a ♀ Yellow Warbler. It seemed to be again in the big apple tree. An Oriole was scolding there, also. Where are the Water Thrushes? And why do not the Tree Crickets begin?

Worked on Kingfisher story throughout forenoon, completing two pages from Journals.
Had to give up after dinner because the bandaged skin troubled so. Dr. Brown came out to see it at 4 P.M. He said it had been too tightly bandaged. The removal of the bandage gave speedy relief from what had been nearly severe pain. I got back to my desk at 6 & remained busy over hours. Victrola & reading in bed this evening

Cambridge.

Ther Wednesday, Aug. 12, 1914 Wea
First Tree Cricket Stormy

Raining gently through day and To-night. Decidedly cool again.

2 Robins & a Grackle on the lawn. A Warbler, probably Am. Dendroica, chirping in the apple trees. Swifts heard overhead and Blue Jays in the trees close about Museum

Worked all day on Kingfisher Story adding 3 ff. compiled from journal records some of which had to be rewritten whereas others were transcribed almost verbatim. With material of either kind to draw on I can get on a little daily. The rub comes when I have to compose without such assistance. In the latter event whole days may pass without any accomplishment.

Percy went in town for seeds. Victor records recommended by Bessy's brother Will & brought out slip which we think then wrong. All are of instrumental music. We shall knock from.

Cambridge

Ther Thursday, Aug. 13, 1914 Wea
Warbling Vireo & Maryland Yellow-throat Fine

Clear & rather cool with light W. wind.

A Warbling Vireo singing low & very slowly in a tupelo by pond in front of Museum at 9 A.M. Had a close view of him. Heard the Warbler chirping again in the jungle & then from 2 sides. It proved to be a Yellow Warbler ♀, no doubt the same bird as that seen on 3rd, 7th & 9th & heard on 10th, 11th & 12th. A ♂ Maryland Yellow-throat about the day in our perennial flower bed, chirping rather loudly & often. A flock of Chimney Swifts careering about the old birches for half an hour about sunset. I could not count them accurately but there were at least eight. Two Robins & five Grackles on lawn; also a Flicker & House Sparrows. ♂ Goldfinch in Garden. Red-eye singing a few notes at early morn. Jays screaming as usual

Worked all day on Kingfisher Story adding 4 ff. of compiled matter. Victrola music after dinner & supper. Tree Crickets turning up this evening

Young's rest with our Garden with "Jesse" at the piano. First Tree Cricket chirping shrill & feebly.

Cambridge

Ther Friday, Aug. 14, 1914 Wea Fine

Clear (except for brief periods of cloudyness) and rather warm. with light westerly wind.

The Garden almost barren of bird life again. A chipping, unseen Warbler, probably the ♀ D. aestiva, several screaming Jays, a chattering Crow and a Red-eye singing a few notes were all the birds I noted there.
A pair of adult Robins accompanied by 2 young, Still bob-tailed & faulty of flight, roost on the lawn at Sunset. I saw a Grackle & heard a Flicker there this morning.
The Crickets chirping rather briskly this evening, at least two of them in the Cinders where I have heard none before this year.

Worked all forenoon on Kingfisher story adding a couple of pages & thereby finishing it. C. copied 4 pp.
Began Hairy Woodpecker after dinner & wrote 1½ pp. Frank Manning called at 3 P.M. Mrs. Cobb stopped with us & stayed evening

Cambridge

Ther Saturday, Aug. 15, 1914 Wea Fine

Clear and cool with light W. wind.

Very few birds about the place & none in song. Heard the rather sibilant chirp of a Warbler that was probably a Minotilta. Jays screaming as usual. A Crow flying over; also a solitary Cedar Bird heading for the river shore. A Robin, 6 Grackles & several House Sparrows, on the lawn. A ♂ ad. Goldfinch inspecting sun flowers. Insects were rampant in Garden last night. Besides chirping & creaking Crickets ... were very many nocturnal flying & crawling Grasshoppers. Cicadas heard daily in the Jungle, mostly after sunset, sometimes two at once.

Gilbert, returned from vacation of two weeks, motored me to Annie's this morning to have dent of Wolfston Court in Brown Estate of contrib. Car behaved badly & taken to Ford place for repairs.
Spent remainder of day on Hairy Woodpecker story. Rewrote page composed yesterday & added another. Pictures at noon & even.

Rem. Henry by Museum gate leaving in the Hawk & Cedar Bird on map 14.

Cambridge - Concord

Ther Sunday, Aug. 16, 1914 Wea
Deer seen at Farm 7 a.m.

Brilliantly clear with fresh, cool North - west wind.

Gilbert & I started for Concord at 10.46 and reached the Farm at 11.49. Went via Waverley, Trapelo Road, Lexington & Bedford. Not many birds by wayside. Heard a Goldfinch & a Song Sparrow in full song. About a dozen Barn Swallows on wing near old Tilley place. 2 Kingbirds & a Bluebird on telegraph wires.

Strolling into orchard just after reaching farm house I happened on a big doe. She started in Millet within 20 yards & bounded off.

Jim Melvin took me to Sleepy Hollow after dinner. We shook aspwood of an hour there. He is extending work by Memorial Wood Person being city Clerk & Treasurer.

Walked at evening (6-7) North Group to Bear Field to inspect new roadway. Meadowlarks singing & Eastern Hoodlum Chickadees Robin in full song near house. No autumn Warbler near to-night

Concord (Farm)

Ther Monday, Aug. 17, 1914 Wea
Dull.

Cloudy for the most part & also very hazy. Rather warm & humid. Heavy thunder showers 5 to 5.30 P.M. Did not get only the edge of it, then broke passing to the South & West.

Comparatively few birds seen or heard. A flock of 9 Bobolinks passed N. over house at 7 a.m. Others heard later. Meadowlark sang once (full song) in Bear Field at 9 o'clock & one Ovenbird gave full flight song near house at 1.30 & 6 P.M. Every thing else songless.

A Red-b. Grosbeak, ♂ & young in apple tree behind house. Heard calls of Goldfinches (♂♀) on farm grounds.

Heard the Robin calling anxiously to her young Squawking, near Barn door. Plenty of Song Sparrows with nests & nearly grown fledglings beneath them; also a few Field Sparrows singing. Observed no nests.

Spent most of A.M. near Spring with Joseph & George, cutting weed road. Heard all the usual wandering flycatchers in P.M.

From Cambridge Chapter 1914

Concord - Cambridge.

Ther Tuesday, Aug. 18, 1914 Wea

Tennessee, Bay-breast & Blackburnian Warblers in our Garden Mixed

Forenoon sunny; afternoon cloudy. Evening showery. Rather warm & humid, Wind Westerly.

Gilbert & I left the Farm at 8.14 P.M. motored to Cambridge via Concord, Boxborough & Hopkins roads. Very pleasant spin with car running perfectly. Called at Payson Park Museum with acorn of Chestnut, a rare thing. Found a surprising assemblage of migrants in our Cambridge Garden soon after reaching there at 9.29 A.M. Feeding among the heads of ripe Sunflowers in company with 3 ad. Goldfinches were 3 Warblers, an ad ♂ Bay-breast, a ♂ juv? Blackburnian & a very yellow Tennessee - a young one, probably. I got within twenty feet of them & viewed them in sunlight, through my glass steadily afterwards they flew to our Bay willows where I frequently saw a ♂ Redstart, ♂ Magnolia, juv. Balt. Oriole, Red-eyed V. Jays screaming, Yellow calling. Several Song[illegible] at evening. Perry reports 25 Robins yesterday.

Worked all day on Harry W. Story, but worked only 2 Hr. Frank Manning dropped work on & off most every

Cambridge.

Ther Wednesday, Aug. 19, 1914 Wea

2 Tennessee Warblers in Garden. Dull.

Cloudy, warm & humid.

Several Warblers in Garden. I followed them about for some time after breakfast without getting more than glimpses at them in the tops in the Jungle but at length came upon them in low shrubbery by the Museum and watched them for many minutes standing within 20 feet of them. Two were Tennessee Warblers of which one looked precisely like the yellow-throated, which I had seen yesterday, whereas the other was very extra yellowish beneath & rather greenish above. Both were very tame & busily employed in feeding much after the raspberry & other berries, picking their bills slightly every few seconds. After watching them closely one against the sky & the other against the Chestnut leaves for 5 or 6 minutes I called Gilbert who came & saw them. At 1 P.M. they were in the wild Sunflowers feeding with a ♂ Goldfinch at Sunset in the Locust clearing (Chaffy & metallic notes). There was a fine ♂ Redstart with them this morning. He sang a good deal in Sunderland, both Tennessee & Redstart. Harry Stutzman & Grandfather Story with me. I worked all day on Harry W. Story completing 3 Hp. & leaving my address with Mrs. Cobb at Brighton. Walked home with Gilbert & Carl Young ♂ with band. Was entertained

Cambridge.

Ther Thursday, Aug. 20, 1914 Wea
Tennessee & Blackburnian Warblers. Dull.

Densely cloudy; warm & humid. Very heavy thunder shower before daybreak & another breaking upon us now (9.30 P.M.)

Flock of Warblers frequenting Garden all day long. I followed them about at intervals, positively identifying 2 Tennessees, 2 Minotilkas (♀♀), a ♀ Blackburnian, a Water Thrush & 3 Redstarts (together once & all looking like ♀♀ but one singing faintly) There were also an Oriole, 2 Red-eyes the usual Jays, Robins etc. Heard a King bird fawtly & after off & Swifts overhead - in late P.M.

The Tennessee Warblers were chasing one another almost ceaselessly with sharp, metallic chirping. I had one very near me on a low branch. The Water Thrush was uncommonly noisy but so wary that I got only a glimpse at him.

Harry Spalding at Brookfield, Mrs. Off at Luncheon, Loring Tilly at Supper.

I wrote all day finishing Harry W. Story with 2 ff. & working over about Downy Woodpecker.

Cambridge

Ther Friday, Aug. 21, 1914 Wea
Eclipse of Sun. Showery

Densely cloudy with frequent light showers and one very heavy one at 3 P.M. accompanied by crashing thunder. Just before it began darkness almost equalling that of a moonless night settled over the earth, rather suddenly & lifted as abruptly ten or fifteen minutes later. As no storm clouds, however dense, ever produce anything like it I thought of the predicted eclipse of the Sun, only partial here, and this, the evening papers say, was really responsible for it. At its height I could see our front gate but dimly as I looked out the front door. When we turned on the electric lamps in the hall it looked exactly as it does at night.

Hearing a loud woodpecker drumming in front of Museum at 8 A.M. I looked for it and it was proved to be a young ♀ Chestnut Sided Woodpecker in autumn pl. He was perched on a low branch over the pond. Also heard the sharp chirp of a Water Thrush & the metallic chirp of a Tennessee Warbler.

Worked all day on Downy Woodpecker Story, working 5 ff. of fresh matter readily enough from the Journals. The Coffee-Tillers dropped in on us. Packages mysteriously left after supper. Also reading by C. & E. R. S.

Cambridge - Boston.

Ther Saturday, Aug. 22, 1914 Wea Fine.

Clear and agreeably warm with light westerly wind.

The migrant Warblers must have passed on last night for none were to be seen or heard there to-day, nor were there many birds of any kind. Indeed I noted only a Goldfinch, an Crow and two or three Robins.

Spent an hour in Museum after breakfast and then went to Boston where I was arrived in our office from 10.30 to 12 when I called at Steinert's to get some new Victor records & at the little furnishing goods store to buy in a fresh stock of outing Shirts, under Clothes, etc. of which I bought upwards of $23. worth & Dined at Youngs & got home at 2-30. After playing some of the records I wrote several letters and completed another page for the Dorothy W. Story. Victrola, Music & Reading of war news occupied us through the evening.

Cambridge - Concord

Ther Sunday, Aug. 23, 1914 Wea Fine

Clear & rather warm with fresh westerly winds.

In the Garden, 8-9 a.m. Four Robins; a Red-eyed Vireo in almost full song for several seconds at a time; a chattering Crow; a Soft-chirping Warbler seen only on wing, flitting through Trees, & not identified.

At Hobbs Brook Res., South end, 10 a.m. Flock of upwards of a dozen King birds on telegraph wires over road. Near them about as many more Barn Swallows & at least one Eave Swallows.

Concord Farms. A Robin, Cat-Bird, Jay, Flicker, Goldfinch, Song Sparrows, Barn Swallows & several Chippies. Young Swifts still chirping for food in chimney.

Gilbert motored me to Concord (9.30-10.40 a.m.) via Petty Corner, Hobbs Br. Reservoir, Lincoln & Sandy Pond. After dinner he motored me over to Hildreth's Corner where I spent an hour with Charley Carter. Walked to Brick Fields at evening (6-7) with "Jim"

Concord - Cambridge.

Ther Monday, Aug. 24, 1914 Wea Fair

Mostly cloudy with a light shower in P.M. Warm & humid. Wind S. W.

At the Farm, 6–10. a.m. Nothing singing. Nuthatch calling in elms. Flock of 15 or 20 Robins flying southward, high, chirking. 3 ad. ♂ Goldfinches on wild sunflowers. A Meadowlark uttering a few song notes.

Cambridge Garden 11 a.m. to sunset. Red-eye singing fairly well (11 a.m.). Modern Warbler chirping precisely like a Tennessee & probably one, in Strawberry Branch of Museum. Goldfinch singing a little. Swifts heard overhead.

Remained on Farm until 10.25 a.m. arranging work for the men this coming week. Motored to Cambridge in a little more than an hour, via Carlisle Bridge, Bedford, Weymouth & Somerville. Saw a Sparrow Hawk near Flag Pole, Chestnut St. E. from road carrying Downy. W. Story: I worked on Thelon before dinner copying & changing a page. Dr. Ellery Hallock arrived about 5 P.M. Victrola music &c.; evening

Cambridge.

Ther Tuesday, Aug. 25, 1914 Wea Fine.

Clear & cool with fresh N. W. wind.

Heard migrating Warblers passing over at 11.30 last night. Several of them flitting through tree tops in Jungle at 8 a.m. & later. One clearly seen through glass & certainly identified proved to be a Tennessee, another a Nashville. Another that I failed to view well chirped like, and doubtless was, a D. virens. They were accompanied by a Solitary Vireo flavifrons in handsome plumage. Heard a Rose breasted Grosbeak utter both the clucking & the autumnal, Bluebird-like call, at first about 8 a.m. in the Lindens, later in trees by Museum yard. A Red-eye sang briefly at 9 a.m. A Swift & a Cedar bird heard in air over Garden, a Downy in the Jungle. Cicadas flying at intervals. Tree Crickets in full chorus & rapid beat all last night & this.

Spent day in Museum working on Thelon Story. Rewrote page composed yesterday and added a trifle more than another. Sailed off with the ladies in the Ford car, morning & afternoon. Victrola music after dinner & supper. Depressing war news. Germans advancing

Cambridge

Ther Wednesday, Aug. 26, 1914 Wea Perfect.

Brilliantly clear with bracingly cool N. W. wind. A rather autumnal-like day.

In the Garden at 8 a.m. & later – a silent Veery and faintly chirping Oven-bird, first seen in lilacs, afterwards in Jungle; a very green & yellow Tennessee Warbler with unusually pronounced Superciliary stripes, tame, flitting about everywhere, recognized by its sharp, metallic chirping before being perfectly seen at close range; a ♀ Red-start and ♀ D. Vireo (perhaps the same noted yesterday) a Warbler yellowish beneath & with 2 conspicuous white wing bars, which may have been a ♀ Blackburnian but was not certainly identified as such; a young Oriole; a Red-eye singing. Father went at 7 a.m.; an adult ♂ Goldfinch with sweetly calling young; an adult Chippy & a young one with streaked underparts; 3 or 4 Robins; eating ripe cherries; a screaming Jay; a Flicker shouting feebly; 4 Swifts circling busy above the hills about before & after sunset; & ♂ House Sparrow bathing in pond; a Blackbird flying high; altogether no less than 16 Species

Spent day in Museum. Compiled 3 fp. & compared one, relating to the Flicker Story & completely it. C. copied 3 fp. of it in foreman. Late in afternoon I began on Red-headed Woodpecker Enumerating about a frog.

Harry & Alice Bartlett stopped with us & spent the evening listening to Brahms Sonata on victrola records. Swam or night. Read records coming by mail. To-day. Last one of eleven & 2 years.

Cambridge.

Ther Thursday, Aug. 27, 1914 Wea Fair

Partly sunny, largely cloudy. Cool.

In the Garden 4 Robins (one singing fairly well at 1.30 P.M.); an adult ♂ Bay-breasted Warbler with entire flanks conspicuously chestnut; a Red-eyed Vireo singing brokenly; 3 gray Purple Finches, in trees cherry & cedar; House Sparrows; a ♀ Rose-breasted Grosbeak; 2 Orioles, 1 ♂ ad, 1 juv; ad ♂ Goldfinch & several young; 4 Grackles, on lawn; 1 Flicker, Jays screaming; a Silent Wood Pewee, very tame, perching on dead branches of cherry tree by Museum, launching out after insects & catching over a large area; (this Pewee often sunset/); 2 Chimney Swifts flying low & fast long after sunset; in all 23 Species.

Spent day in Museum working on Red-headed Woodpecker, adding 2 fp. of freshly compiled matter & thereby furnishing it. Probably I should write no more before November.

Lastly Kellogg still here. She & C. motoring morning & afternoon. So very Father dined with me in Museum. Mary Dame & her brother Charley came down at 8.30 to hear Victrola.

Cambridge – Boston.

Ther Friday, Aug. 28, 1914 Wea Dull.

Cloudy, Calm, rather warm & humid.

In Garden, 9–10 a.m., I saw & fully identified, 2 Robins, a Tennessee Warbler, a Black-poll (fine pl.), a Redstart, an Oven-bird, 2 Purple Finches (in gray pl.), about 50 House Sparrows (feeding on oats in street), a Jay or two, a big flock of Baltimore Orioles. 4 Swifts seen at evening.

The Tennessee Warbler was eating lawn cherries in tree by Museum gate. Standing very near it I distinctly saw the bird pecking at the fruit. It was bright greenish above & yellowish beneath with pronounced superciliary stripe. As the Orioles streamed past me in Jungle I counted 28. Many more passed unnoticed. All flew straight to row cherry tree & remained there several minutes eating the fruit. I saw only young birds.

Went in town at 10 a.m. Bought canned things at Purity for Concord and 5 new Victrola records at Steinert's for C. Got to office at 12.30. Signed leases changes &c. Put stocks & bonds in safety vault. Lunched at new place on Devonshire St. Saw Arthur. He gave me dozen beautiful single asters for C. Home by 4.30. Played new records after supper. Loving S. returned from Concord.

Cambridge – Concord.

17 Ther Saturday, Aug. 29, 1914 Wea Stormy

Fine rain falling gently & ceaselessly all day, drenching grass & foliage. Rather cool. Light easterly wind.

In the Garden I saw 2 or 3 Robins eating ripe cherries in tree by Museum gate but noted no other birds of any kind.

Cambridge to Concord. 3 Barn Swallows near Lexington Park and 5 near Swift place, Concord; all skimming close over grassy fields. Two small flocks of Bluebirds, 3 Flickers, a Phoebe & an Oriole complete this roadside list.

Concord Farm – late P.M. Flock of 8 Robins, Nuthatch & Cedar Bird heard & ♀ Hairy Woodpecker seen, inhabitants by hosts. Young Swifts in parlor flue still & very noisy.

Spent forenoon in Museum & house putting things away for the autumn. Miss Savory at dinner. She & Betty are to go with C. & E.R.S. to Bedford on Monday. Leaving Cambridge about 3, 15 Gilbert & I motored to Concord reaching there at 4.30 Ready chap in mind as new favorite Hymn

Concord.

Ther. Sunday, Aug. 30, 1914 Wea. Fine

Sunny & rather warm with light northerly wind.

To Birch Field soon after breakfast talking "Fine". Heard a Partridge in the Plain & I saw another three in the cart road. Bushes overhang it alive with Warblers. I identified only three, a Ministrella, a Black-poll & a Chestnut Sided. Went over same ground in P.M. (4-5) without seeing anything but a Partridge. Heard Bobolinks thrice, Barn Swallows twice, Bank Swallows over, drawing clay. Not many birds about house. Saltatory Chippy in orchard, Heard Cat Bird in pasture. One or two Robins in lane. Startled Flicker at evening from within old Barn where he had probably gone to roost.

Gilbert motored over to Hildreth's Camp at 1 & returned for me at 3. Dined with Chumley & his wife. Jim Melvin came down at 5 P.M. with boys of his Covenant nephews & the rest of us.

Concord.

Ther. Monday, Aug. 31, 1914 Wea. Perfect.

Cape May Warbler

Clear, Calm, rather warm & humid

Spent most of forenoon (7.30-11) in Birch Field with Burbank digging around some Black Spruces. I endeavored to preserve some in buckets near shade. I heard a clear but not very near view of a Solitary, timid Thrush with strongly spotted breast & huffy eye ring. It was, I feel sure, a Swainson's. In those same bushes I saw a Magnolia Warbler ♀ or juv., a Redstart in ♀ pl. & one ad. ♂ & Yellow Palm. Heard a Canada Flycatcher three & another near our farm house.

Roaming about Farm most of afternoon. At 4 P.M. saw (4) Nighthawks migrating S.W. high in air; at 6 P.M. (5) Barn Swallows heading same direction, equally high. Just before sunset Caught on a ♀ just?! Cape May Warbler in our Berry Pasture. Stood within six feet of her for ten minutes. She ate the adults, feel hereby among life of Cotton Spruce ♀ cones, is stated but color, busily about on limb with my face, sometimes two feet away. By & by my opera glass hand down & could just focus her. She showed utterly fearless of me. Her plumage exquisitely neat & finely marked.

Concord - Cambridge - Concord.
H. W. Henshaw arrives.

Ther — Tuesday, Sept. 1, 1914 — Wea
Tennessee Warblers.
Fair

Sunny but decidedly hazy. Very warm & rather humid. Light S.W. wind

Soon after awakening I heard a Meadowlark sing once & a Rose-br. Grosbeak utter chirking notes. At 7 A.M. saw a Wilson's Black-cap in Forsythias thicket front of house - a very lively bird not still enough long for me to make out head markings.

At 9 A.M. we had a telephone call from Henry Henshaw at Concord R.R. Station. Jessie Melvin was here with his car & took me up to get Henry. Stopped at Sleepy Hollow Cemetery on way back.

In P.M., Gilbert motored Henry & me to Cambridge (2.30-3.35), where we got Victrola & all the records.

Heard Tennessee Warbler chirping & positively saw 2 birds of them together in rose shrubbery there by Mrs. Gale. Henry thought he saw a third there.

Started back at 5.30 & reached here about 6.35.

Concord.

Ther 93° — Wednesday, Sept. 2, 1914 — Wea
Fine

Clear & intensely hot with gentle S.W. breeze.

Henry & I went to Birch Field soon after breakfast, taking "Jim". Heard Warblers chirping here & there but saw none except one pair, among bushes on the edge of Tom Rice, where 4 Redstarts (all in ♀ pl.), a D. virens, 2 Chickadees & a Cowbird were flitting about near together. Not far from there we started an Ovenbird.

Spent most of forenoon in house playing Victrola. In afternoon motored to Concord & thence to the golf links on Jenny Dugan Road, taking Ansley Carter with us. Henry played. Met Billy Hunter & Jack Cross on the links. Stopped at Manse on way back & saw Sarah Ames & Betty Hunter. More Victrola music this evening.

Concord

Ther Thursday, Sept. 3, 1914 Wea
7'am

Clear & very warm but with a soft, refreshing westerly breeze that tempered the heat most agreeably.

I spent most of forenoon with Mr Wilson of Carlisle arranging for the digging of a well and with Barnard planning for the piping of his & my houses for town water which has just been brought into Thorn. At 11 I strolled down through Back Field where I met Henry who had been practising golf shots in Barnard's pasture & views on his way back. Heard Warblers in several places & saw a few but none of any especial interest.

In P.M. we motored through Nine Acre Corner almost to Sudbury & back via Baker's Bridge & the Hubbard road. Stopped at Fairyland & walked around pond.

Victoria Rooters this evening.

Concord.

Ther Friday, Sept. 4, 1914 Wea
Heavy nocturnal migration 9'am

Clear & cool with light N.W. wind.

Spent much of forenoon out of doors rambling about the Farm & to Birch Field. Heard Warblers chirping about but saw only a very few, among them a Redstart. They seemed to be widely scattered & on moving through on their way south. Henry motored to Concord to play golf with Chandler Cotton who he beat. H & I took a motor ride in late afternoon, leaving the house at 4.30 & getting back at 6. We went first to Dunn's & beyond, next through Carlisle-bridge & thence to Concord where Henry made a brief visit & I had a talk with Jim Melvin.

Going out into our dooryard at 10 P.M. I heard Warblers chirping & Thrushes calling almost ceaselessly as they sped southward through the cool, calm air lighted on this way by a full moon shining in a cloudless sky.

Concord. — Nocturnal migration

Ther | Saturday, Sept. 5, 1914 | Wea

Yellow-bellied Flycatcher Perfect.

Brilliantly clear with light W. wind. Cool at morn & eve, rather warm this day.

Spent forenoon working with men on new roads through cedars at foot of lane. Warblers in fair numbers scattered about through neighboring brick woods. I identified a Yellow-throat, ♂ ad. (in mid moult & still wearing much of the nuptial plu.) a ♀ pin. Blackburnian, 5 D. vireos, & a Redstart in ♀ pl. Watched a Yellow-bellied Flycatcher for many minutes. It perched in tree tops 40-50 feet above ground, sometimes amid foliage of oaks or Larches, sometimes on dead branches in full sunlight. It was a very high colored bird, very prominent above Yellow generally. I cannot recall ever seeing one before. Three before. I saw it about 11 A.M. in tree nearest & across Heavy Spent forenoon in Bowers's Woods.

We motored to Walden woods at 4 P.M. Walked in first to Fairyland Pond. Heard Hooded Warb. Next visited Goose Pond. It has become wholly grass grown since I used it last. A Bittern flushed from flooded grass at east S. Several Calling in woods near by. Heavy rain during night. Robins & Thrushes to-day.

Concord. (Farm & Ball's Hill.)

Ther | Sunday, Sept. 6, 1914 | Wea

7 inc

Sunny but hazy & somewhat cloudy. Cool with light southerly wind.

To Benson's pasture with Henry at 9 A.M. He stopped there for golf practice which I continued on to Ball's Hill. We returned to Farm together at noon. Encountered a big mixed flock in Cow Run. Could not spare time to follow it for or identify many of its members. There were mostly Warblers, probably at least 30 in number. A Magnolia ♀, an adult ♂ Yellow-throat, a Black-poll & a Redstart were all I certainly recognized. A Green Warbler flock on Ball's Hill contained not less than 5 Redstarts all in ♀ plumage.

Charles Carter with wife & daughter Marjorie came down at noon to dine with us. We walked to Brick Field at 2 P.M. Found a horde of little birds nothing Something in front to-day. At least 5 White-bellied Nuthatches in the flock. The Carters departed at 5 P.M. After them Henry & I sketched about the Farm

Concord (Farm) Labor Day.

Ther Monday, Sept. 7, 1914 Wea

Purple Clematis. 7 a.m.

Clear & warm with westerly wind light in forenoon, rising about to a gale in late afternoon & becoming decidedly cool at evening.

Spent forenoon with Tept & George working on new road through cedars at foot of lawn. A few Warblers there feeding in beeches. I identified a Chestnut-sided & a Yellow, a young Black-poll & a Redstart in ♂ pl.; also several D. virens. Henry went to Concord to play golf with Charlie Cooley.

The Meloms came down in early afternoon. After they had departed (about 4 P.M.) Henry & I started for a walk. In Birch Wood where we found a beautiful cluster of Fringed Gentian in full bloom & most far off (on South side of Boulder) Pine Wood a single cluster of Purple Clematis, the first I have ever seen near Concord. Noticed only a few birds among them 2 ad. Yellow-throats, ♂ & ♀, in full moult.

Concord - Cambridge - Concord.

Ther Tuesday, Sept. 8, 1914 Wea

Heavy flight mig. Warblers. 7 a.m.

Clear & cool with high N. W. wind.

Spent forenoon in Cedar Pool as I shall have after call the territory at the foot of our lane where we are opening up cart paths & vistas through the cedar groves lying between the Rum & our Cuttyhunk land. Feeding in beeches along edge of Rum were scattered Warblers of which I positively identified Bay-breast, ♂ ad & ♂ juv.; Black-burnian, ♂ ad & ♂ juv.; Redstart 2 ♂♂ & 1 ♀. Saw also a ♀ Tanager & a Red-eye. The Bay-breasts kept close together as we stood by. I saw the ad ♂ (which showed a little chestnut on flanks) eat a berry of Viburnum Lentago and the young bird (which had clay-colored flanks) in pantomime beg the old one for food. Williams came with me part of time. Henry returned from Boston at noon with the report of having encountered a migration wave of at least fifty Warblers in Birch Field. He saw among others an ad. ♂ Bay-breast, a Blackburnian, a Chestnut-sided & 2 Nashvilles.

Leaving Farm at 2.10 for ride to Cambridge where we called on Dorothy Abbott who was out & on Sam Hamblen whom we found at Miss Cooper-Field's. Saw a Barn Swallow on Bedford & 3 Sparrows Hawks together near Flags [illegible] beyond Waverley.

Ther Wednesday, Sept. 9, 1914 Wea

39° Heavy rush of mig. Warblers - Mourning W., Bay-breasts, Blackburnians, Canada etc

Clear & cool with high N. W. wind, Mt. Washington reported covered with snow & ice. Thus conditions to northward no doubt accounted the exceptionally heavy flight of migrating Warblers noted here to day. At least 50 in woods along run at foot of Com, half as many more on Birch Field, others in orchard, Many on Pine Hill, a few on Bald Hill: Identified about 6 ad & 1 juv Yellow-rumps, 5 Bay-breasts, 2 Blackpolls, 5 or 6 Blackburnians, 6 or 7 Magnolias (1 ad ♀), 6 or 7 D. Virens, 3 Chestnut-sided (all juv) 9 or 10 Redstarts, 1 Mourning (♀ juv), 1 Canadian (ad ♀ juv). 5 or 6 Ovenbirds. Oft more than one seen during a part of Blackburnians & two Chestnut sides offered in the bushes just outside our windows. Saw ad ♀ Bay-breasted & ad ♂ Blackburnian together in oak near Barrett. Two Hermit Thrushes there & three more on Bald Hill. Startled Mourning W. away & could hear on one of our flower gardens. Spent most of afternoon following Warblers about in woods on Farm. Walked up & around Bald Hill on East P. Rd. (4.30-6) Heavy gathering on N.-W. mustering with Southern on P.-H.

Ther Thursday, Sept. 10, 1914 Wea

Bay-breast & Blackburnian Warblers.

Partly sunny, partly cloudy. Cool with fresh N. winds.

Warblers in greatly reduced numbers as compared with yesterday but still plentiful, especially the Bay-breasts & Blackburnians. In woods bordering on run near Cedar Park saw 2 Magnolias, several Redstarts, a Canadian Warbler, a few Chest 3 juv & Bay-breasts, 2 juv. Black-polls, 3 or 4 Blackburnians, 2 Chestnut Sides, a Magnolia, a Swainson's Thrush & an adult ♂ Scarlet Tanager in full sum. pl. Two Blackburnians; a Bay-breast & a Redstart came into lowest front of house as we sat at dinner. After it we (Henry H., Smith Dexter & I) walked to Bald Hill: At Pine Hill found a large mixed flock but the warblers were so scared & Golden Chat we identified only a few Yellow-rumps, a D. virens & 2 Canada Flycatchers. A flock of about 25 Warblers on crest of Bald Hill & driven down by Brewer's Blackbird. Secured (a 6x Zeiss) a fine Chestnut-sided & Bay-breasted with a few Redstarts (one ad ♂) two Blackburnians & a Bay-breast seen on Holden Hill. A Tennessee (very white beneath) in bushes at Brewer's (coming). Only a Black-poll & a Redstart on Birch Field.

Ther Friday, Sept. 11, 1914 Wea
Flood of migrant Warblers Fair

Partly Sunny, mostly cloudy. Cool with light N. E. wind.

To Brewers pasture with Henry at 8 a.m. He stopped there to practice golf. I kept on to river. Found Blackmore Ridge, Balls Hill & Pine Hill literally swarming with little birds mostly migrating Warblers of which there must have been 300 or 400 all told.

Identified 2 Minisinkas, 2 Nashville Warblers, 1 Uneca, 6 Yellow rumps (3 ad. moulting, 1 juv) 4 Bay-breasts (3 ♂ juv 1 ♀ juv), 5 Blackpolls (4 juv, 1 ad. moulting ♀), 4 Blackburnians (1 ad ♀ moulting & Tailless, 2 juv ♂♂, 1 juv ♀) about a dozen D. virens (all ♀♀ & juv ♂♂), 1 S. Chicken, 7 or 8 Redstarts (all ♂ or ♀ ad.); Saw also a silent adult Wood Pewee & a Rose b. Grosbeak & at least 5 Red-bellied Nuthatches.

Brick Field had only a few scattered Warblers & Chickadees & 3 Red Bellied Nuthatches.

Tree Warblers at Farm. A Blackburnian (♂ juv) Bay-breast (♂ juv) & Black-throated Blue (♂ juv) in beeches from 9 house at once.

In Cole P. H. Gilbert nuthatch Henry & I saw along the Sudbury Road almost to Sudbury & back. Our farm very.

Vacation record this year

Ther Saturday, Sept. 12, 1914 Wea
flooded with Warblers. & Caps May W. Fair

Brilliantly clear; rather warm; light S. E. winds Henry & I went a-birding this forenoon, leaving the house at 8 & getting back at 12.

Only a very few scattered Warblers & Chats mostly Black-polls in Farmelms, orchard, Pear, Pulpit Rock woods & Birch Field. But hundreds of them all along the river front on Balls Hill & Estabrook & on Blackmore Ridge. In the opening to Pine Hill & about cabins they literally swarmed everywhere were so restless & active that it was difficult to identify many of them. In the opening we found a ♀ Cape May Warbler at first for an Ovenbird crossed beneath & as dull grey-ish coloring. We finally got very near & as it was feeding low on a small beech & then much down & identified. Saw only 2 Bay-breasts & no Blackburnians. 2 Uneca Warblers near Cabin & 2 more on Blackmore Ridge. Blackpolls fairly common. Very many D. virens. 2 Sparrow sp. Thrushes in hopeless by twilight & Ad. ♂ Tanager showing no red.

At noon saw ad ♂ Black-throated Blue Warbler in beeches from 9 farm house.

Started for Westboro at 1.15. Had delightful motor ride through Berlin & Hudson region. Fields dotted with haycocks & golden rod & in full bloom & above, softly, gallant Pontiac & Large Hornet with his big car down at 3.30 & reached 9 Cook's Farm at 5 Jr. Short Black cap in orchard

Concord (Farm)

Ther . Sunday, Sept. 13, 1914 Wea

Oliv Sided Fly. & Wilson's Black-Cap at Farm Supt.

Brilliantly clear & pleasantly warm with light W. wind. A Early Autumn day: "Jim" & I had a delightful walk just after breakfast & another just before dinner. During the forenoon we flushed a Ruffed Grouse which flew across Birch Field, & with grown young Partridges all together in Pulpit Rock woods, a Broad-winged Hawk that looked as big as any Eagle near Pulpit Rock where H. W. Hawkins saw a Swainson's Hawk last week.

Just before breakfast I saw 2 young Cat Birds, 6 Indigo Birds in Brown fd. & 4 Song Sparrows in a dead Alder from of house:

Sarah Ames & her three children came down to dine with us. We walked to Birch Field after dinner. Returning found an adult Olive-Sided Fly at the well in door yard. He stayed there & on big elm from of house for half an hour picking on Elm twigs & dead branches making frequent long sharp sweeps after insects. A fine adult Bird showing white flank tufts. At 5 P. M. saw adult Wilson's Black-Cap on Apple tree in front yard, an adult ♂ with full black crown & bib — yellow under parts. Very tame & quite

Concord (Farm)
Cape May & Bay-breast Warblers at Lexington

Ther Monday, Sept. 14, 1914 Wea

Yellow Warbler Supt.

Brilliantly clear & delightfully warm with light northerly wind

Spent most of day with Jeph, George, Marston & his man. In forenoon we worked in meadow below orchard putting in a culvert where the cart road enters Pulpit Rock woods. In afternoon we began a stone culvert & causeway across Bern just above Ruffed Spring. Jeph cut down a good many trees. Faxon & Tyler found me in Cellar Cemetery about 4 P.M. We started back to Farm together & through orchard & Barry Pasture looking for birds but seeing very few of any kind. Almost all the Warblers seem to have passed on. Faxon & Tyler have visited at Lexington much the same result as the finger of Clock already here. They have seen no Black-throated Green but found Bay-breasted Nearmore & Tyler has identified at least nine or ten Cape May

I saw a Yellow Warbler this morning, first on apple in orchard, then in oak

Ther Tuesday, Sept. 15, 1914 Wea Perfect

Cloudless, calm, delightfully warm. Cicadas "frying" all day long. The Crickets chirping merrily at evening. Rich shades of autumn flowers - golden rod, asters, Tansies, hawkweed, etc. Plums passing, Grapes beginning to ripen. No frosches this year.

Spent day with five of the men working near the Barrett Spring. Beardsley, Tuttle & George cutting trees. Moulton & his men building causeway across swamp and digging trench for stone dam.

Very few migrants. Saw or heard only five or six Bluebirds in all, most of them Bluebirds, probably, but only two identified as such. Partridge drumming in Rice. Started a Woodcock there in nearly the same place as on the 13th. Gray Squirrels very scarce. Red Squirrels much more plentiful & evidently are paired off & mated for the season. One or two Chickarees heard here.

Ther Wednesday, Sept. 16, 1914 Wea Perfect.

A duplicate of yesterday with the same heavenly calm & beauty of earth air & sky. Rather cool at morning & eve, almost too warm for comfort at midday. The recent frosts have done no harm to vegetation on Bateman's Farm but elsewhere including the Bedford pasture - cultivated crops of most kinds seem been injured, and of many completely ruined, by them.

Spent entire day with the men near Barrett Spring where we almost finished the new causeway across the swamp. Beardsley worked with new triangle fastened cutting out wood roads. Tuttle Jim Kept down by one corner of the tarp. As he were entering about sunset he flushed two Woodcock near the foot of our lane, one in the middle of the swamp, the other on the northern edge among young birches.

Albert Brown & his men framed up in P. M. near the Spring. I was too busy to pay them much attention.

Concord (Farm)

Ther | Thursday, Sept. 17, 1914 | Wea Perfect

Third successive perfect day, differing from the other two only in being warmer & even more windless. Scarce a leaf stirred from morn to eve & the sky held no trace of the faintest cloud while the air was clear as crystal. The woods are dangerously dry but the fields show no sign of drought.

Almost no migrant birds about. Woods silent & lifeless for most part save between Chickadees & Nuthatches (9 both species) some of each. Saw two Bluebirds - females & one Black-poll & Pine Warbler singing faintly, some Purple Finches. Two Tanagers chip-chirring as usual in wild grape vine beside path & overhanging our lawn. Saw only one Bird on a dead ♧ with Black wings & tail & two yellow bars, perhaps Cerulean Warbler, but could hardly tell.

Spent day with Mrs Mann mostly Spring. Mowed & Mrs Hilliard still working on Cambridge & down. Got quite damp, rained hard 2 or 3 times. Hilliard went to Cambridge for day & night

Concord (Farm) - Cambridge.

Ther 8x° | Friday, Sept. 18, 1914 | Wea Perfect

[illegible] wonderfully perfect day [illegible] coolness of the [illegible] [illegible] was rained [illegible] day and also [illegible] [illegible] [illegible]

Interviewed Miss Hamlin.

Ther Saturday, Sept. 19, 1914 Wea

Tennessee Warbler & S. Tanager in Garden. 1 mi

Clear & rather warm with light W. wind

In the Garden 6.30 - 10 a.m. Two Tennessee Warblers in rum cherry tree by Museum gate, one very yellow beneath & green above, the other duller colored; a large, bilious Gray-cheeked Thrush with them in rum cherry & one black, & Swainson's Thrush first seen in cherry & afterwards taken in hand very often & held flown against! flank! Black throated Green Warbler. Father Hamlin & I walk. (He released both & flew away!), two Myiochanes Scarlet Tanagers in the same tree & one in rum cherry fruit-eating, one in rum cherry feeding mostly eating fruit but not seen doing so. Also the usual Chirp & Song Sparrows, Redstart, Phoebe, Wood Pewee, Goldfinch, Jays, Crows, Flicker, etc.

To Boston at 10.30. in car 9 from 10.43 - 1.15 & 2 - 3.50. Hamlin & I had fine & rather interesting walk with Miss Hersey & Mrs. Hale. Then to Mrs. Hale's for supper. Long drive through Wolfeboro, which decided them all on a [illegible] Then with them instead of in the car as Contrast & thence to South Sandwich on N. end Lake. With them back to the Lake leaving Wolfeboro at 7. o'c. Home in car

Wolfeboro

Ther Sunday, Sept. 20, 1914 Wea f'a

Partly cloudy, mostly sunny. Rather warm with light S. W. wind.

Mr. Haley & I walked around Lake among grounds after breakfast. Later we went to the Main Church where Dr. Pound preached a rigorous sermon on "Conscience".

Judge Abbott arrived just after noon dinner. Mr. Haley & I walked the Circle of Mr. Frederic Prescott's beautiful estate, the foundations already completed, has been placed much further back from the street than was usual to by us but now [illegible] usually taken by reason of the "right of eminent domain." After considering the matter long & carefully we decided to abandon the plan of making our return journey [illegible] this week had been begun to complete this roadway but it will be discontinued by my order. We will probably [illegible] our journey from this point.

Spent our evening talking with Mr. Prescott & Judge Abbott

Wolfeboro

Ther | Monday, Sept. 21, 1914 | Wea Fine

[illegible]

Spent morning forenoon going over Academy grounds with Hatty planning various changes & improvements with regard to trees & shrubs especially. The Brown Observatory is approaching completion. We moved Theophilus A. yesterday with Judge Abbott's notes & possibly found 9 a.

In afternoon motored with the Hobbys in their new Ford car to the Hobby Museum a wonderfully beautiful building standing 3 miles out & down by the Lake shore. Dr. Hobby received us there & showed us his very interesting collection of miscellaneous curios. He is an original & interesting man. His collection of birds & eggs only slightly.

Kept on about to Madison College to call on Edgerly Folsom. Crossed Derby Intervale & Ossipee Valley just before about 1860 Although all the Lecadom called their evening [illegible] and pleasant Cattle made them

Wolfeboro

Ther 94° | Tuesday, Sept. 22, 1914 | Wea Fine

Cloudless but very heavy; Oppressively warm with light southerly wind.

Spent forenoon in Academy building visiting most of rooms and hearing class recitations in charge of all the new teachers viz. Misses Adams, Eaton, Powell & Montgomery & Mr. Kelly. The School seems to have opened well & now has 154 pupils. There is an obvious & very considerable improvement in discipline & serious intent for work.

Called on Cousin Elizabeth at Library at 3 P.M. & later on Judge Abbott at his house where we sat for an hour smoking & talking on his pleasant, vine-shaded back piazza.

Walked down town after supper to buy Globe newspaper containing Richard Harding Davis' last story of destruction of Rheims Cathedral by Germans vandals. Breathlessly calm & very warm. Starlit night with migrating Thrushes & Warblers calling overhead every few seconds.

Ther 94° Wednesday, Sept. 23, 1914 Wea Fine

Orange - crowned Warbler, Solitary - Sandpiper

Clear, calm, intensely hot. Terrible drought. Flowers wilting, leaves drying up on many trees.

Left Wolfeboro by 7.05 a.m. train with Mrs. Haley who got off at Haverhill. Reached Boston at 10.30 went direct to office, had long talk with Arthur C., lunched with him & Darby at Young's, & went out to Cambridge about 1.30. Garden drought-stricken since I last saw it on 19th. Many trees fast shedding crisp-brown leaves which strew the ground. Only a few birds. Among them a very tame Orange-crowned Warbler, positively identified in Sept. but whether it was hardly justifying off rubrids (Aphidæ?) from leaves. A rather yellow specimen with faint superciliary stripe. Sluggish of motion & so fearless that it kept on feeding when I advanced directly under it & then came flitting & hopping down through branches to perch within four feet & only face to face on view carefully. Chirp sharp, metallic & abrupt. Seen a fourteen hundred. Walked it 10 min & saw only 6 species in June (on lucerne & 2 sand young ♂ Scarlet in June (on lucerne & 2 sand young ♂ Scarlet in June (on lucerne & 2 sand young ♂ Scarlet

Concord (Farm)

Ther Friday, Sept. 25, 1914 Wea Dull

Cloudy & cool with light northerly wind. A slight sprinkle of rain fell last night.

Spent most of day in & about house, copying bird notes, washing flowers bulbs etc. Town water turned on soon after dinner. Burbank has been using his for several days. Jim & Mrs. Melvin called at 4 P.M. & listened for an hour to Victrola music. After their departure I strolled to Birch Field with Jim. We heard an exciting Tree Chasing Squirrels & Partridges (2). I flushed a Woodcock from dense young pines beside the path in Pulpit Brook woods. Birch Field alive with Peabody Birds, calling excitedly as they moved to & fro, among pines at Summit. Heard a Hermit Thrush Chucking & a Thrasher Smacking Lips. Winter Wren trilling very near Spring

Concord (Farm)

Ther Saturday, Sept. 26, 1914 Wea Fine

Clear & cool with fresh N.W. wind.

Walked to Birch Field twice in forenoon & once Chatter & with Jim records Beyond in Cedar Fld.

Not many birds: One small mixed flock contained Carolina Nuthatch, one Brown & a Black-poll Warbler, several unidentified Sparrows & a Solitary Vireo. Heard a Winter Wren Tickle-ing in Cedar near Cedar Path. As Melvin & I were returning from a walk at 10 A.M. we flushed two Partridges among rocks grape vines & beech just below our old Garden. One of them alighted on the back of the open rocky Knoll (filled with brush wood) within ten yards of us and stood there for several minutes in full sunlight looking back & tail & quiver-ing. She looked cute and did her stuff to the manner born. We were fully exposed to her view & moved & talked while looking at her C. J. Pierce called in forenoon

Ther Sunday, Sept. 27, 1914 Wea 7 a.m.

Brilliantly clear & bracingly cool with fresh N. W. wind.

Walked to & around Ball's Hill in early forenoon taking "Jim" who had a gloriously happy time. Saw a Sapsucker, 4 jays, on the trunk of a large white pine in opening behind Ball's Hill; a Meadow Warbler & jay on the edge of B. H. brush exactly where one was seen Sept 12; a Pigeon Hawk flying low S. W. above new Barnard house; a Black Hawk flying past Cabin up river. At least 5 Canada Nuthatches together on Pine Hill. A Pied Billed Grebe diving & diving in river off N. end Davis Hill. Flushed 4 Pheasants, almost underfoot, in Pine Hill opening. Saw only a few scattered Bobolinks (one D. bird) Mr. & Mrs. Melvin, Mr. & Mrs. Geo Robbins & Miss Robbins shook with me at Hunt house & P. O. Calling in between numbers.

Ther Monday, Sept. 28, 1914 Wea 7 a.m.

Forenoon mostly cloudy; afternoon largely sunny. Brief but brisk shower about noon with some snowflakes falling. Strong, harsh N. W. wind. Heavy white frost last night, killing all tender lowland vegetation but damaging nothing but melons at Farm.

Motored to Concord & took 8.01 train to Boston. Sat with George Keyes. Spent an hour at Stairett's listening to records; remainder of forenoon at our office where I talked with Arthur, Gallonger & Darling and signed quarterly Estate cheques besides dictating a short letter to Judge Abbott. Dined at Woodbury's on Devonshire St, a newly discovered & very excellent place where the food is much to my liking. Returned to Concord by 2.40 train. Just after 5 reached Farm Cliff Jem chased & caught a big rooster pulling out his tail & pulling off all threshed for it. Afterwards I took him for a stroll to Brick Yard.

Ther Tuesday, Sept. 29, 1914 Wea
36°(a bout) Hard, killing frost. Fine.

Brilliantly clear with light west. wind
Raining at 10 P.M. & later. Hard
killing frost last night. Warm at
midday. Ice, from our rain spray,
remained unmelted all day long on &
under Tsuga plants in full sun, just
They were thickly incrusted with it.
This morning. George Potter reports ice
1/4 inch thick as his thumb in Potter
pasture.

Spent most of day working on
former beds in front of house
Installed those in front of Brick Field in
G. H. Mrs Minott & Miss
of official interest. Phelan came
up with one of his men at 10 a.m.
to lay out the plumbing of the
old farm house. He left at noon
leaving the man (Sullivan), who
began work just after dinner.
Monsom & his man had almost
finished shoring work with exception of
S. O. Dexter came down & 6 & stayed
until 10 listening to Beethoven records.

Henry B. Bigelow's Thea. Travels at 21° with
May 1) Leaves Med from him a week after

19 Ther Wednesday, Sept. 30, 1914 Wea
Capt. May Warbler. Dull.

Cloudy & mild with occasional brisk
but brief showers.

Many Juncos & Robins. Thrush flitting
about Farm & in Birch Field. Counted
50 Juncos in one flock feeding here on ripe
Asters & Golden Rod & Downy at dinner in front room
a Q Capt. May Warbler, accompanied by
3 Black-polls, came into a shower bath
bath in fount under the windows where
I watched her for several minutes
as she preened feed & bathed among leaves & fruit occasionally thrusting
her sharp bill into Cotton in which
seemed a Cestodian Spirit of worship shown
She was colored very like Bird shown on 12th
but was even more yellow, greyer & more faintly
streaked beneath & showed no yellow on
superciliary save a faint tinge on lores

Spent most of day working out
of doors clean about house. Phelans
men keeping on. Monsom & his men
commenced top of wall south. I walked
to Birch Field with Jim on Gale P. Ho
He brought a big Tomahawk to [illegible]
[illegible] & showed them some on the trees.

Ther | Thursday, Oct. 1, 1914 | Wea Fair

Brilliantly clear with light Northerly wind. Comfortably warm all day.

Only a few Warblers: mostly Yellows with 2 or 3 Black-polls & one of just preceding at Barrett Spring. At least 2 Flowers in Brick-Field & half as many Yellow-throats with or near them. This was just before dinner. First of it I strolled through Barry Farm & heard Peabody Birds calling everywhere & one singing. Heard also the call of a Towhee, of a Swainson's Thrush, of several Robins & of a Cow Bird. Canada Nuthatches whining in fair words & pine Sapsuckers in afternoon in orchard behind barn. Jays noisy & numerous. Plenty of Ring Squirrels now & a few Reds & Chipmunks. High blueberries richly colored. Red maples beginning to turn.

Spent day at Barrett Spring. Morton, Cooper, Tyler George working on & near next dam. Put in 2 new pressing oaks. Charley Flannery called at 5 & asked me to send him 15 until October 27 which I did.

Ther | Friday, Oct. 2, 1914 | Wea Perfect

Cloudless with tender blue sky & scarce a breath of wind. Deliciously warm & dry air. "Weather-Creator" type of day.

Teeming bird life everywhere I roamed. In close about house or in neighboring orchard trees 2 Yellow Palm Warblers, many Yellow-rumps, a big flock of Peabody birds, 2 Canada Nuthatches (drinking at bird bath), 5 juv & 4 juv Sapsuckers (on trunk of elm) 2 Cat-birds, 4 Towhees, 2 Robins, Chickadees, young Goldfinches, Jays, a Downy & a Hairy Woodpeckers etc. In Pulpit Brook pasture Canada Nuthatches, Golden-crests (2) Solitary Vireo (singing beautifully) Near Barrett Spring Myrtle (5 juv), Bay-breast (5 juv), Black-throated Blue Warbler (5 juv(?)) In Brick-Field at least 50 Peabody Birds, perhaps half or many Juncos & a few Yellow-rumps.

(One of the Palm Warblers may have been Tenn. Redstart. I did not see it very well).

Spent entire day at or near Barrett Spring with Minott, Cooper, Tyler & George getting Causeway in fine state of completion & Pines & 3 more pressings all the big oaks. Bankroot & the plumber putting heavy

Concord - Cambridge - Boston - Concord

Ther Saturday, Oct. 3, 1914 Wea Perfect.

Clear, calm, almost uncomfortably warm.

Leaving the Farm at 8 A.M. Gilbert & I motored to Cambridge where he left me at Harvard Square & I came home on foot. As we crossed Carlisle Bridge I saw a Pied-billed Grebe floating on the glassy surface of the river just below the bridge & a Kingfisher flying over it. Reached our home at 10.30. C. & E. K.S. there. The Collins gone to Boxford this P.M.; the farmers not until Monday.

The Garden alive with birds. Upwards of a dozen Hylocichla & a 9 Towhees in Grape arbor. Horse Mint flowering up from ground in very large clumps. Block-pool, 2 Robins & 2 Jays; Sapsuckers 6 juv. in big weeping Goldenrod & autumn sunflowers. No killing frost there yet.

C., Betty, Fuller & I went in town at Noon to lunch at Turnbull Cowley. Summer vacation gone apparently in Germany etc.

Back to Cambridge by 3.30. Motored to Farm 4-5.15. Tea roasted & ...

Concord (Farm & Balls Hill)

Ther Sunday, Oct. 4, 1914 Wea Perfect.
Muskrats in brook front.

Clear, calm, very warm & Summer like.

Red maple ant. coloring about at its height. Less fine than usual although some trees are very brilliant. Poison ivy dull.

Magnolia Warbler 9 juv. in bunch near house. Ruby-crown Kinglet chattering in lane. Only a few Warblers & those usually Yellow rumps.

Spent early part of afternoon getting ready for Mr. & Mrs. Darling & Mr. & Mrs. Gallaugher (Mrs. Darling's sister) who came by motor car at 11:30 & remained until 4.30. Took them about farm before dinner & before & after it played a few choice Victor numbers which delighted them all.

We started for Balls Hill in Darlings' car at 2 P.M. & I showed them the Cabins & took them all about the hill. On way back we all alighted at Beeson's & walked up through Birch Field. Visiting ground on Betty Pot Cabin found its margin marked by the ... [illegible] Pinxter bushes & Rhodora & two of them in bloom

Concord - Cambridge - Concord

Ther Monday, Oct. 5, 1914 Wea Perfect

Cloudless, Calm, very warm.

Leaving the Farm at 9 a.m. I started for Cambridge with Gilbert. Before we had gone far the Ford car began to thump & kick & its power soon gave out altogether at Lexington. Gilbert thought the trouble must be with spark plugs so we had two new ones installed at a garage but this change only made matters worse. We managed to chug along slowly, however, & finally reached Mus. Comp. Lab. at 10.45. I had planned to work my Amherst report there to-day but conditions were unfavorable & I did no more than secure material for it. Spending most of time chatting with Bangs, Barbour, Bigelow & Brooks (just back fr. Alaska.) Dined with them at Colonial Club. Spent an hour or more (2-3.30) at home Gardner almost devoid of birds. Gilbert left car at Ford shop for repairs & returned with me to Concord by 4.25 train Mrs. Manns received us to Farm

Concord (Farm)

Ther Tuesday, Oct. 6, 1914 Wea

Red maple foliage at height ant. along Farm

Forenoon cloudy with fresh, chill E. wind. Afternoon brilliantly clear, windless, & rather warm.

Spent most of day at Barrett Spring with Burbank, Teph, Manson & Casper. We put the last finishing touches on new cement dam, stoned a small well in hollow by causeway and hauled off a lot of brush. Meanwhile Pierce & 3 men were pruning the long line of oaks below our peach orchard & also some orchard trees. Gilbert went to Cambridge for short books. He returned in late P.M. in Ford car bringing back Little Jim.

3 Cat birds, at least 30 Peabody birds, & a few Gilbert Sparrows, near house. Winter Wrens in brush by wood road near Lem - a very tame & engaging bird. Who hopped close about me.

Maple foliage at its very best & lovely splendid in our Burg Pasture & below orchard. Hickory foliage afforded up its richest old gold

Ther Wednesday, Oct. 7, 1914 Wea
Maple coloring still at climax & unusually brilliant. Fair.

Cloudy week occasional intervals of mellow sunlight & generally clear sky in late P.M. Mild with light S. W. wind. Heavy white frost last night.

Went about farm boundaries with Blackwell after breakfast finishing up my shooting tigers. Returning Spooner and boys with Pierce in orchard which he is pruning & another in house going over bellows & bills. Spent afternoon in Berry Pas. with Taft, Manson & Casper who, under my direction, grubbed up a lot of brushes & cut a few trees. Started a hen-startling Woodcock there in an opening. Informed was about 25 Crows chasing a Marsh Hawk over Hosmer Meadow. They kept swooping at him directly & coming effectually. He was skimming low, evidently hearkening & apparently not at all annoyed by their endeavors. Autumn Coloring glorious to-day in all low places abounding in red Maples

Ther Thursday, Oct. 8, 1914 Wea
Pheasant Shooting Perfect

Clear, Calm, very warm & Summerlike. Maple coloring finer than ever and truly Splendid in many swampy places. Scarce one of the painted leaves has fallen from red maple trees as yet: Seldom have I known so brilliant a show last so long.

Leaving the Farm at 7.45 a.m. Gilbert motored me to Heath's Bridge where I joined Henry B. Bigelow by appointment at 8 a.m. to try my hand at shooting Pheasants. We first beat river meadows, just above the French farm, where "Sly" a big, slow rising, black & white "dropper", whom I greatly liked, presently came to a point in marsh grass. Two birds rose & were missed by Bigelow. Two more followed them quickly, quartering to left & right, I killed them both with a clean double, the first that I have found at various kinds of any kind for nearly a year. After that we tried ground of various kinds flushing 7 or 8 more Pheasants of which B. killed one & he & I, together another, firing almost at once. It was exciting sport which I enjoyed keenly & refused to forsake up as often as possible through. We killed only seven birds that day. I called B. Bell to Farm, by 10.30 a. Worked on my Museum Report. Enormous day of drying down when Mrs Melvins called at 3.30 P.M. to spend an hour or so with us & to Victrola. Bluebirds seem very friendly this evening

Concord (Farm)
Flood of White-throated Sparrows

Ther Friday, Oct. 9, 1914 Wea

Autumn coloring. Muskrats Perfect-

Clear, calm, almost uncomfortably warm. Autumn coloring of red maples, hickories, gray birches & sumacs at its very best last evening & this morning, very decidedly faded today with many leaves falling, this afternoon.

Walked to Birch Field after breakfast taking Little "Jim" as usual. Rarely if ever have I known the woods more divinely beautiful. Bathed in rich sunlight softened by thin, delicate mist their brilliantly painted foliage was wonderous to behold. Not a leaf stirred. It was everywhere a scene of the most perfect serenity & beauty.

Probably birds had arrived over night in multitudes. I saw upwards of 100 in Cedar Park & more than 200 in Birch Field where they were in fluttering bevies, a dozen or more all over. Single ones occurred everywhere. Many Juncos also & a few Yellow-rumps. One Junco

Wrote my Museum Rep. in A. M. Gilbert took it to Carpenter after P. M. Dexter Comm. down to dinner. We had a walk after & Lawson found shrew dog H. found. marked with fresh Muskrat H. Friends, its tracks passed by three times.

Concord - Lancaster - Concord.

Ther Saturday, Oct. 10, 1914 Wea

Maple coloring fading. Fair

Mostly sunny; partly cloudy; warm with fresh, soft, S.W. winds. Autumn coloring of maples fading fast & leaves falling. Left Farm at 9.45 and motored to Lancaster reaching there at 11.10. Took the Victrola and all the best new records to play to C. & E. R. S. They seemed to enjoy them very much. They are living in the cottage & taking their meals at Miss Holman's where I dined with them & the other boarders. At 3 P.M. C. & I motored over to the Thayers but they were all out of town & could not be found. So we left a note of regret and returned to Miss Holman's stopping at a garage on the way to have the engine overhauled. It has been giving much trouble of late & is not yet right. Started back for Concord at 4.15 & reached village center at 5.25 & Farm about 6 (stopping for supplies). Had a roast Pheasant for supper.

It was delicious

Lawson in Lawson's Swamp

Heard Robin

At least 50

Concord (Farm)

Ther 76° Sunday, Oct. 11, 1914 Wea

Clear with fresh S. W. wind.
Uncomfortably warm & humid.
Leaves & apples falling fast.
Many seed pamphlets born of foliage
& fine retaining much bright coloring.

Spent most of day in house writing
letters but walked to Birch Field
with Jim. after breakfast & through
Barry Pasture in late P. M. Saw
a few Yellow rumps in the forenoon
& flushed 7 Pheasants in the Cattle
on the shore of one ice pond.
Ate eighth flesh from our fruitless
yard.

There were very many birds
close about our house at breakfast
time. 12 Chippies & 4 Cat. Birds
were bathing when the rocks were flying
& Robins were running about on grass.
a pair & Sapsuckers were eating Concord
grapes, a Junco Calling. There were
also about a dozen of Peabody birds
here but I have made observations.

Concord (Farm & Town)

Ther Monday, Oct. 12, 1914 Wea
Pleasant & Cooling. Fine

Clear with fresh N. W. wind. Cooler
than for several days past.

Jim Melvin came down by appoint-
ment at 8 a. M. to try the Pheasant.
& Will no dog to help us yard beat
the Barry Pasture Starling nothing there
Next to Ritchie place where we found
the mother Bird with 5 well grown
young in a narrow strip of standing
corn. The old hen flushed wild &
went off unshot at. The young rose
a few moments later. Four of them
went past Melvin. He fired twice getting
his second bird. The fifth bird went
straight away from me & I killed it
cleanly. We after words started an old
cock in Barry Pasture but got no shot.

Motored to Concord at noon & lunched
with Melvin at Colonial Inn. Back
by 2. Walked to Birch Field with
Jim in late P. M. Heard a Hermit &
a Swainson's Thrush. Many Yellow rumps
& Worms & Black & White Creepers
3 Bluebirds in Cemetery

Left 9.45 P.M. heard night calls

Concord (Farm)

Ther Tuesday, Oct. 13, 1914 Wea Fair

Smoky & cloudy by noon. Densely hazy at times with smell of forest fire, drifting low over fields & delightfully aromatic. It came with a north wind in forenoon & from east-west in P.M. No fires visible from our place.

Spent most of the day with the men who hauled loam from field front of house & regraded the slope between the driveway & road here. Has been washing out for many a year & of late has been a little better than a shocking gully. It added greatly & mightily during dry season.

Had a delightful stroll with Tim & my 20 gauge gun as companions in late P.M. Went first to Potter's place whereon I saw 2 Cock Pheasants fly from Mrs. Hosmer's grass field across his run & up-hill to Birch-Field where 3 Partridges rose wild & were not shot at. Heard one drumming in run eastward in afternoon. Few Little Birds save Yellow-Rumps & Juncos (Chewinks & others not numerous)

Concord (Farm)

Ther Wednesday, Oct. 14, 1914 Wea Fine

Severe drought continues.
Shooting Season suspended.

Clear & cool with light easterly winds. Heavy white frost last night. Birches and maples mostly leafless. Evidences of extreme severity of drought multiply daily. All shallow rooted vegetation looks as if it had perished utterly. We find absolutely no moisture anywhere in the ground down to a depth of 4 or 5 feet, even in meadow land. The roads a-ankle deep in dust. The roadside foliage plastered with it. The air is hazy with the smoke of forest fires. Because of them Gov. Walsh has suspended the Shooting Season - by special proclamation in this morning's papers which States that these fires increased 500 per cent on Oct. 12, the opening day.

I spent the whole of to-day in Cedar Park where the men were getting the new roads with earth taken from drainage ditch at base of slope front of house. Many birds. About 15 Robins & 2 pair Cedar birds & 2 Purple Finches (one ♂ ad) eating Cedar berries. Several Yellow-rumps, one Black poll, about 6 Peabody birds over Ruby Crowned Kinglets

Concord (Farm)

Ther Thursday, Oct. 15, 1914 Wea

Beg flocks migrant Crow Blackbirds Perfect:

Clear, calm; deliciously warm. An Indian Summer type of day.

Burbank sees 10 Pheasants near well house across road when he went there for water at 7. a.m. I heard. them Crowing & calling at intervals thro' day. At 7.30 a.m. I had a fleeting view of at least 300 Crow Blackbirds where the little terrier, Jim, had started feeding ground where millet was harvested in our apple orchard a few weeks ago. They went off S.W. at 4 P.M. I saw 157 flying low N.E. At breakfast time 5 Robins, 6 Peabody birds, a young Cedar bird & an adult Chippy & a Cat bird were all enjoying a bath at once under spray of hose playing in front of house.
12 Cedar birds perched in leafless top of big elm by barn launching out after flying insects at 5. P.M.

The men finished draining Cowed & grading new roads in Cedar Park where I spent most of day.

Concord (Farm)

Ther Friday, Oct. 16, 1914 Wea

Raining steadily, but at no time heavily, all day long - a very gentle yet also wetting rain, the first we have had since August. Foggy; warm, with light S. wind.

Several Robins & Peabody birds, with 3 fine Cedar Birds, bathing in puddles & under spray of hose, front of house, 7 a.m. 75 Robins flying S. at 8 a.m. some perhaps migrating. Sparrows about house visited by ♂ Hairy & ♂ Downy. A few Peabody birds - not above a dozen - feeding about "grape vines all day, singing a good deal, at times rather well. Bluebirds in full song for half an hour after breakfast (i.e. from 7.30 to 8). So literally their songs were as tender, finished & effective as in early Spring but fresh ofs seemed less loud. It was truly delightful to listen to them.

Monday's Cashier clerk not come to-day. The other men worked in shed & house. I was busy there Correspondg

Concord (Farm)

Ther Saturday, Oct. 17, 1914 Wea Rainy

Raining lightly but steadily all last night & through most of to-day soaking rather deep into ground and freshening vegetation considerably. Governor Walsh removed shooting season by proclamation in morning papers; guns were popping in every direction towards sunset when the rain ceased.

All the men worked in doors through day, the electricians wiring the house, George carrying in wood & piling it in lower garret, Burbank & I at various tasks. The big chimney proves on investigation to have a remarkably handsome, curved front concealed by a partition at rear of front stairs; this I am half disposed to remove so that the entire chimney front will show.

White threads & Chappies flitting about close to house.

George V. Bennett arrived by 4 P.M. train. We had Brahma roosters all the evening

Concord (Farm & Ball's Hill)

Ther Sunday, Oct. 18, 1914 Wea Fair.

A.M. mostly cloudy & densely foggy. Afternoon sunny but hazy until 4.30 when clouds regathered & east wind sprang up. Before then have day has been calm & warm.

Mr Bennett & I spent forenoon in house, talking, reading over news in Sunday papers and listening to Victrola music. The Melvins called at 3. Soon after their departure Bennett & I started out for a walk, taking "Jim". We went to Ball's Hill via Birch Field & Pine Hill, returning via Holden's Hill & Howes Meadow. Saw a Great Blue Heron circling low over Ball's Hill & started 2 Pheasants behind it & 2 Partridges in Birch Field.

Probably heads southward about with numerous especially near Coburn & on Pine Hill. Saw at least 75 C. from Jonquil with them. Saw big Sapsucker Jim in on Chestnut, Bennett knocked Sparrow among the forsythia with beechnuts following noon 9 Crow

Concord (Farm)

Ther Monday, Oct. 19, 1914 Wea

Unique observation of 2 Woodcock. Rainy.

Dark cloudy with frequent heavy showers. Warm with light southerly wind.

Spent most of day in wood shed [illegible] Barbour worked under my direction at various small jobs of carpentering. Geo Baker worked part[illegible] in cellar, partly outside, loading manure and driving. Dexter Comm down to dinner & Spent most of afternoon getting a quorum motored in our Cadillac ford & Barrows's. I took Tom Berry to go with him. The electricians still at work wiring house.

Rain ceased about 4.30. Guns popping for & near after that. I took mine out & strolled through Berry Pasture & Cedar Patch. Pheasants calling very freely in distance. I was returning in twilight & just starting up hillside below orchard when I saw 2 birds on wing about 40 yds off. I shot 2 birds on wing about 40 yds off. I shot 2 birds on wing about 40 yds off. I shot

Concord (Farm)

Ther Wednesday, Oct. 21, 1914 Wea Perfect.

Brilliantly clear & deliciously warm with fresh west wind.

An enormous flock of Crow Blackbirds, containing as nearly as I could estimate upwards of 500, appeared suddenly about 9 a.m. Sweeping low over flowery garden from eastward they alighted in the big oaks that overhang the road. Here they remained several minutes making an almost deafening clamour. Then the sable throng took wing & circled all about and above. After which, at irregular intervals they passed & repassed the house in smaller companies of 75 & 150 each. Not many other birds about. Perhaps 20 Robins. Flocks, half a dozen Yellow Throats, a few Chippies & Phoebes, a pair of Canada Nuthatch, a Cat Bird, a Downy.

More of my men excavating for pond eastward Cornbelt from P harvest. I was with them much of time. Quit after Pheasants 3-30 P.M. Started 2 of 8 on Bittersweet Pasture & shot at 1st Cock in Retreat, apparently hard hit—flew like a meteor & fell dead on 40 yds. Did not see him again with

Concord (Farm)

Ther Thursday, Oct. 22, 1914 Wea Glorious.

1 fine Cock Pheasant bagged.

Brilliantly clear with high, cool N. W. wind. Hickory foliage still handsomely colored on many trees; oak foliage firm in places. Birds unusually busy.

Two flocks of migrating Crows, flying S.W. high in air & in straggling order, 1 One, containing 32 birds, passed at 8 a.m. the other, having 45, at 9 a.m. A flock of 18 Crow Blackbirds passed at & flying N.E. just above the tops. About 15 White-throated Sparrows, several Yellow Throats & one Black-poll, seen near house. Winter Wren in pile of brush in fence towards near Bittersweet. Spring

At 11 a.m. I took the little 2.0 gun and went to Retreat place in hope of getting the wary cock Pheasant who eluded me there yesterday. This time I stole along the brush grown road until about opposite the middle of the asparagus bed & then sprang quickly through a gap in the wall. when the startled bird rose almost instantly some 15 yards away on my left hand retreating along grassy road. Before he had flown four rods I got the gun on him & fired, bringing him down sliding dead on a grassy slope sloping to the brook up his glorious plumage glistening in the sun. Reader if ever born I burn with thirst by sure [illegible] I shall preserve his skin.

Quit again just before sunset looking for Ws. Started 3 Pheasants, got none. I did not fire

Concord - Lancaster - Concord.

Ther Friday, Oct. 23, 1914 Wea

Flying Squirrel in Wood Shed. Farm

Brilliantly clear with bracingly cool N. W. winds of moderate strength.

Spent earlier part of forenoon on Farm, mostly in Cedar Park clearing work on prospective flower beds to which Jeorge was assigned. Monsour & Casper working partly on trench for electric conduit from house to barn, which was put in before night by a lower gang of laborers. Three of Stevens's electricians coming here at 10 a. m. they called my attention to a Flying Squirrel, which ran out from our wood shed & up trunk of large elm to fork above. It crouched blinking in bright sunshine occasionally nibbling at something in its paws; Thos. Neil said they had hoarded one in crevice of this shed. George Baker says he often sees it there last summer. It looked like miniature of a young, one dozen inch grayish with band of same color as our squirrels last July & August.

Leaving farm at 11 Talbot & I motored to Lancaster via Acton, Boxboro, Ayer, Harvard & Still River. It must be 30 miles (not very far we were over two hundred on the road. Picked up C. at Holman College and kept on to lunch with Mr. & Mrs. John Thayer & Natalie. Left them at 3 & stopped again at College to leave C. She has had "Sun", via Chaucer, there since Tuesday. He greeted me lovingly & poor Little Tim ferociously.

Started for Concord at 3.30. At Hanford Ave. road recommended by Mr. Thayer. It runs straight to Concord Junction through one village West Acton. & is the best & smoothest road I know with most attractive scenery. Saw almost no birds save a Crow, Pheasant & a Bluebird.

Concord (Farm)

Ther Saturday, Oct. 24, 1914 Wea

Cloudy with rather warm & humid wind from a little E. S. of W.

Spent most of day in Cedar Park superintending work by George, Monsour, Casper & Joseph. We got out & took off a lot of large stones; prepared beds for flowers etc. Very few birds. Saw Purple Finches & 3 or 4 Robins, 2 Goldcrest Kinglets, 8 or 10 Hawks. Three Red Shouldered, & one or two Yellow Evergreen Going about as I noticed. Blackbirds & Jays began additions to their flocks yesterday & almost fraternized up to today.

The Dearings & Gabbertons called at 4 P.M. I took them for a short walk through our Berry Pasture & afterwards gave them coffee & tea in the old farm house. Orchard left at at 8.30 this morning to return to Boston. He seems very well & in excellent spirits. He says the Nuns, Trials & Storms, Tenn. Ark. brought me to seem as one of their Confessors. I told him I thought I could not be, & I would not consider it

Concord (Farm & Middlesex S.)

Ther Sunday, Oct. 25, 1914 Wea
Lapland Longspurs. Fine

Clear & cool with fresh N.E. wind.

Starting off at 9 a.m. with Lillie "Jim" for company. I spent a delightful forenoon in woods lying between the Farm & Bensons, penetrating into many a remote & pathless nook which I seldom visit oftener than once or twice in an entire year. Started a Woodcock in the low bordering on Cedar Pond & 2 Partridges elsewhere. Not many small birds. Returning about 11 a.m. I was standing in front of barn when a flight call consisting of 3 or 4 light hard, wiry notes given very quickly & all alike, attracted my attention. It was repeated several times & came from 2 birds passing Southward about 150 feet in air over our orchard, one leading the other by perhaps a rod & both moving swiftly in long, graceful undulations. I remembered the call as that of the Lapland Longspur which I heard last on Sparrow Morning years ago. Both birds uttered a few like notes as I watched them. Motored over to Middlesex School in P.M. to see Masters about Hebert Hare. Shaved me. Called on Rudolph Peterson

Concord (Farm)

Ther Monday, Oct. 26, 1914 Wea
Fine

Clear & warm with light westerly wind. Clouds gathering at sunset & circle around moon this evening.

Spent day superintending work of the men. Monson, Casper & Ralph Brooks through wall of field across road to make opening for new gate way. George dug & measured flower beds in Cedar Park. Barbank worked on hen houses. The electricians finished (at last) wiring the house for lighting, Cooking & heating (bath room & lavatory in second story) Comparatively few birds. About a dozen Juncos & several Tohwhee-towhees in wood pastures, 11 Robins in lawn, Purple Finches heard in Cedar Park, Crows & Jays flying to & fro occasionally. Just before sunset heard the faint, lisping, widely intermittent chirping of a few Sparrows in Berry Pasture. Saw a fine big cock Pheasant on wing above a little later took Jim & 2 Jays from & toward the Burial Field. Walked to Hunt angling there.

Concord (Farm)

Ther 24° Tuesday, Oct. 27, 1914 Wea Fine

Deer in Cedar Park.

Clear & cold with raging N. W. wind. "Finger cold" toward evening. Ther. 32° at Sunset, 24° at 10 P.M.

Spent most of day superintending workmen in & near house. Harris & one of his men came down to cement the cellar but could not finish it. Monson & Cosper finished gate way into field across road by noon & began excavation for hot bed frame of boards after dinner. Burbank & George devoted themselves mostly to helping Harris. Gilbert went to Cambridge on some business of his own.

Very few birds. 8 or 10 Robins eating barberries in lane, heard Johnt. Thrush a small flock of Juncos, 1 Song Sparrow

At 4 P.M. "Jim" & I started out with the gun. Walking down lane from barn we started a Partridge. Entering Cedar Park I glanced along lower Carr road & at once espied the hindquarters & most of body of a big dog. She was standing in road with head down in brush eating, could offer on ground about 50 yds. from me. Jim soon ran towards & alarmed her, when she leaped 10 ft. at high speed, pursued by him. He fired & gave her fits. After this, we crossed

Ther 21° at sunrise Wednesday, Oct. 28, 1914 Wea Electric lights lighted 7 mi.

Brilliantly clear with light westerly wind. Bitter cold in early morn. Warming up through forenoon. Mild by evening.

Spent forenoon on Farm with Jeph who mowed a lot of brush in various places. Taking turn of the men I started, after dinner, to cut out a new mowed road leading from Barrett Spring to public road above Bunker's Hollow. We finished it roughly by 4.30 P.M. Started 3 Partridges on way back. Few Small birds noted. Several Robins in Lane; 2 Tree Sparrows & 4 or 5 Black Birds in woods near barn; a flock of at least 30 Juncos in Birch Field; Scattering Crows & Jays. Yellow rump heard.

Harris finished concreting cellar and Lee turned on electricity so that we had the old house electrically lighted this evening for first time.

In Birch Field & started 2 more Partridges but I did not attempt

Concord (Farm & Ball's Hill)

Ther Thursday, Oct. 29, 1914 Wea

No Muskrat houses opp. B. H Fair

Partly sunny; mostly cloudy. Mild with light S.W. wind. Trees bare for most part & woods wearing their customary late autumnal aspect. Birds lessening in numbers from day to day for the past week or more. This waning has been very even & gradual during that period, with no marked influx of migrants from further north of late Crows & Crow Blackbirds. No Horned Larks as yet.

Spent forenoon at Farm attending to various matters. Gilbert & Burbank finishing gathering apples to send off. A basket sent to Doyles & one to Pat. I skinned the Cock Pheasant shot on the 22nd & the skin roasted this morning. The meat tender but strong flavored. Jim Melvin called at 8.30 to say good by.

Spent afternoon at Ball's Hill closing up there for winter. 7 Robins calling briefly between Heard in Swamp by River very late. No Muskrat houses on Sudbury. Walked back just before Sunset Pinedarby Cabin & Hill. No birds moving. Saw Crows & Jays. Heard Cow. Meadowlarks, Pine Tree

Concord (Farm)

Ther Friday, Oct. 30, 1914 Wea

Mayed.

Heavy thunder shower last night. Morning cloudy with occasional light showers & warm Southerly wind. Wind shifted to N. W. & blew hard in P.M. with sun shining at intervals. Cold & blustering to-night.

Spent forenoon with Burbank & Joseph in woods between Ballard, Spring & Bedford roads cutting out the new wood roads leading across this Tract of wood land. Measuring & laying out roads bordering on Bedford road. In afternoon ran first up & back fences along roadside in front of farm house. So as to stand out ask footings of trees directly in & from the house until the new grading & lowering has become settled & past danger of injury by wheels. Gilbert motored to Cambridge for the day taking Jim & bringing him down. Almost no birds, save 10 + Robins in Cedars, 2 Jays, Purple Finch heard also Goldfinch. No Sparrows.

Concord - Boston - Cambridge.

Ther Saturday, Oct. 31, 1914 Wea

Planting snow drops at Mt. Auburn. Fine

Clear & cool with fresh N.W. wind

Left the Concord Farm at 7.45 a.m. motored to Concord to take 8.01 train for Boston. Sat & talked with Mrs. Ross on way down. On reaching city called at office of John Adams but he was not in. He came later to our office to talk with me about a bird Sanctuary he & others plan to establish in Concord Lincoln. I advised him to place it under care of Mass. Fish & Game Commission. Had interviews with Arthur G. who has just returned from Maine woods. Got 1000, 4½ City of Lyons board from Boston Wharf & sold it to help pay my fares for which thanks & bought it & another (on yet unsold) case Shrimp. Lunched at Woodbury's - delicious food expensive. Met by L.P.H. Arranged with Percy about planting winter stock & Linden border Tu. day at 7 o'clock for storm #31. C. joined me at home 3.30. We motored to Mt. Auburn & planted dozen daffodil bulbs on grave of Henry Purdie, Scotty gardener & fine workman, Had Canadian very beautiful wreath on head stone. Bought of Cole & after was motored home. Dinner at home. Evening

21

Ther 6x° Sunday, Nov. 1, 1914 Wea fine

Fine & [illegible] cool with [illegible] wind

[illegible] Indian [illegible] Lyons

[illegible] Golden crowned [illegible] bird, appear. 9) Golden crowned [illegible], Gallows Marsh (8), Goldfinch (4 or 5), winter (pl.) Peabody Birds, 6 or 7 calling [illegible] but friendly [illegible], blue jays, Hermit Thrush (1).

Spent forenoon in Woods & Museum packing for trip to Washington, writing letters etc. Miss Allyn came to dine with us at 1. She is most appreciative of Wachita woods and enjoyed dinner one Shrimp salad, [illegible]

[illegible] Took 3 P.M. train for Boston. C. & Miss [illegible] went on town car & I on Ford car. [illegible] Reached [illegible] & boarded our 5 o'clock car as long as daylight & could see out of window, then read & [illegible] Wanted to avoid [illegible] & "Take the night [illegible]

New York – Washington

Ther Monday, Nov. 2, 1914 Wea

Washington

Ther Tuesday, Nov. 3, 1914 Wea

Washington

Ther Wednesday, Nov. 4, 1914 Wea
Perfect

[illegible]

First day of Women Golfers [illegible]
& a.m. in Hilliard Cup [illegible] on the
Burlaco. Lovely Indian Summer day [illegible]
Went down town with Harry at 8.30
& played against Mr Dawson Jones & Mr
& Mrs Leonard of Chevy Chase. The [illegible]
is much [illegible] & [illegible] to be [illegible]
& to [illegible] Chase looking in splendid [illegible]
& [illegible] at 10. H began [illegible]
bridge [illegible] in at 11.30 & [illegible]
a decent round. Lunched at Ch[illegible]
Club [illegible]. Mr Wheeler [illegible]
lunched at Cosmos with Harry.

Burnt Cabin golf links at
3.30. Course crowded with players.
Harry had promised to join
me there but failed to do so.
I played about 9 holes on [illegible]
[illegible] then came in [illegible]
[illegible] & [illegible] [illegible].
Heard a Mr [illegible] talk [illegible].

Washington.

Ther Thursday, Nov. 5, 1914 Wea
Fine

[illegible]

[illegible] 10 - 11.30 [illegible] - 4.15.
[illegible] Troop [illegible] Glen 11.45 -
1.15. [illegible] at [illegible] & present
[illegible] & [illegible] at [illegible]
[illegible] in mud-[illegible]. It
[illegible] to rain [illegible], & till
5.30, [illegible] after [illegible] [illegible]
[illegible] [illegible] golf at [illegible]
[illegible] [illegible] on [illegible]
[illegible] to [illegible]. [illegible]
[illegible] [illegible] & [illegible]
[illegible], [illegible] [illegible]
[illegible] [illegible], [illegible]
[illegible] [illegible]. [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

Washington

Ther Friday, Nov. 6, 1914 Wea

[illegible] fine

[illegible] Bailey [illegible] us [illegible] and I [illegible] car down [illegible] Capitol [illegible] Nelson to [illegible] I was left at Dr. Costello's [illegible] when I & left Dean at 10.30 [illegible] in Mrs. Johnson & Agnes [illegible] was busy [illegible] Capitol at Lobby, 10-1, with Howard, Harry, Dean, Bailey & Boyd. Spent most of [illegible] & working [illegible] at home.

I retired a little at 9.0, [illegible] was small [illegible] a [illegible] [illegible] [illegible]

Washington

Ther Sunday, Nov. 8, 1914 Wea Fair

Dressing [illegible] Early breakfast & [illegible] Rainfall night about 1.5 [illegible]

Walked through Zoo, 9.30-10.30 A.M. Fine [illegible] Wolves from Montana & brown ones from Colorado; also long Coyotes. Took Car imposed frank for Baronsburn [illegible] Visitors & [illegible] Henry. Had a [illegible] with Parsons about his [illegible] after [illegible] Logistics as [illegible] Henry & I separated again, he to [illegible] funeral, I to [illegible] for where I had a most interesting time, especially towards sunset when many of the more exciting beasts emerged from their dens & became active. Saw three Beaver out in large pond & one in smaller pond. One Otter out - very active & restless. 5 Flamingoes & 7 White Pelicans feeding in pond. Two Wild Turkeys, wholly free, came [illegible] towards [illegible] Seaboard birds [illegible] 10 [illegible] to [illegible] Dr. Mann [illegible]

Washington

Ther Monday, Nov. 9, 1914 Wea Fine

[illegible] & work with [illegible]

[illegible] Special [illegible] 10 A.M. to 4.30 [illegible] & read the [illegible] Henry [illegible] & [illegible] to Cosmos Club & [illegible] Osgood [illegible] Finlay; [illegible] Cosmos with [illegible] Nelson, Barly, Osgood & Finlay; [illegible] Left [illegible] 5.55.

[illegible] at 5.45 A.M. [illegible] & [illegible]

Washington.

Ther Tuesday, Nov. 10, 1914 Wea Fine

Brilliantly clear with fresh, cold N. W. wind. Ground hard frozen & water in water pipes at Devereux.

Motored down town with Bailey & then others at 8.30. He left me at Dr. Castle's where I remained until 10.15. After that went to Drapp's where I got 2 more crowns & paid my bill in full. Thence to Harvey's where I had delicious boiled sea trout (Weakfish). Thence to Penn. R.R. Office where & Bangle [illegible] a car. Thence to Cosmos where I read & studied until it was time to return to the Devereux.

He put in my new "bridge" permanently a rather painful as well as very disagreeable operation. I went at the Ontario by 5th finding Henry already there. He had invited a number of our mutual friends to spend the evening & they came about 8 & stayed until 10. There were Nelson, Richmond, Bailey, Osgood, Fisher, Finley & Dr. Mann. Fisher made an excellent Welsh Rarebit. We had Victrola music & much pleasant talk

Washington - New York.

Ther Wednesday, Nov. 11, 1914 Wea Fine

Brilliantly clear with Brisk, cool N. W. wind.

To Cosmos at 9.30. Read papers for an hour & then paid final visit to Dr. Castle. He merely wished to assure himself that everything was all right which proved to be the case, so I did not remain there long. Went to National Mus. where I saw Richmond, Riley & Means. The latter named looked much better than during my last meeting with him & was quite cheerful & like his old-time self. Back to Cosmos at 12.30 to lunch with Henry, Nelson, Howard, Bailey & Osgood. Saw Galloway there. At 1.30 Henry & I went to Drapp's & found Dr. Howard. I bought 3. We reached station at 2.45 & I took 3.03 train for New York. Reached there at 6.07 & drove in Cab to Hotel Algonquin where I am to spend the night.

New York - Cambridge.

Ther Thursday, Nov. 12, 1914 Wea Fine

Brilliantly clear & seasonably cool with light westerly airs.

Left New York at 10.02 A.M. & reached Boston at 4 P.M. Rarely if ever before has the scenery along the Shore Line route seemed to me so beautiful. The light had a combined quality of clearness & softness peculiar, I think, to November and the coloring of the swamps & hillsides was very rich in russets, purples & reddened tints of scarlet & orange wherever there was oak foliage. Cattle were scattered about in green pastures & flocks of gulls floating on the tidal reaches of bays & rivers. It was all so very attractive to the eye that I looked out of car window most of the way.

Took trolley car out to Cambridge & reached home shortly after dinner. Found L. & the [illegible] well.

Played the new Beckstein recently to them after dinner. (We had a session at the Guild of Arts in a).

Cambridge.

Ther Friday, Nov. 13, 1914 Wea Fair

Forenoon Cloudy; afternoon sunny. Rather mild with violent Southerly winds.

In Garden:- 2 Golden Crests, unidentified Warbler heard chirping, a Fox Sparrow, a Junco, 3 White-throated Sparrows. Jays heard screaming at distance. Trees mostly bare, the ground beneath them carpeted with [illegible] leaves driven hither & thither by the gusts of wind. All but a very few of the hardier flowers killed by recent frosts.

A great [illegible] day in [illegible] writing letters & cheques for bills, Mr. Gradoff called in the morning, [illegible] about half an hour, [illegible] by Fairchild & Mrs Bratton Gardner in late afternoon. We read from 9 to 10 P.M. beginning a new book by an Englishman who describes, very entertainingly, his personal experiences while serving in the German Army.

Cambridge - Boston.

Ther Saturday, Nov. 14, 1914 Wea

Fine

Clear & rather cool with light NW wind.

In Garden: 2 Goldfinches, 2 Jays. Song Sparrow & Hermit-Thrush heard.

In bottom at 10 A.M. in one flock of about 40 Redpolls & 2 Pine Siskins. Also at Woodbourne. 1 Downy Woodpecker 2-4. Played a lot of Handel & Bach on violin & piano with Mother. Read Hawthorne's "Grandfather's Chair" which I finished, beginning "Tanglewood Tales". Retired by 9.30. Jim & Dorothy after dancing at C. & S. & then read aloud to me later.

When I was in Washington last week Jim got into serious trouble with a Skunk in our Garden. It happened about 10 P.M. on November 6 when the little dog was let out for a run by C. He barked in the usual excited way & afterwards thoroughly persevered and suddenly has eyes on the Carpet dog. He was dumb distressed The Skunk was afterwards smelt in Mount Auburn

Cambridge

Ther Sunday, Nov. 15, 1914 Wea

Stormy

Cloudy with chill S.E. wind & heavy rainfall beginning soon after dark & continuing well into the night. It is the heaviest rainfall of any account that has occurred in months for the ground is very dry. Hubert reports the Spring Brook & its surrounding [illegible] in Hovey's Meadow at Concord [illegible] as the worst flooding he has seen in many years.

Up to noon at 10.00 morning C. has [illegible] on the piano by Mr. Hodgins [illegible] & then [illegible] & [illegible] [illegible] Dorothy [illegible] & [illegible] [illegible] Jim [illegible] Dorothy [illegible] & [illegible] [illegible] Jim [illegible] Hall. Jim [illegible] [illegible] & [illegible] [illegible] Dorothy [illegible] [illegible] [illegible] [illegible] [illegible] Flocks of 8 Bluebirds in Forest.

Cambridge. Concord.

Ther Monday, Nov. 16, 1914 Wea
Fresh track of big Buck Stormy

Raining most of day, at times in forenoon very heavily. Wind S.W. changing to N.W. in late P.M. when the clouds parted & the Sun shone out just before Setting. Evening cool & windy.

In Garden saw a Brown Creeper & 2 Jays & heard a Golden Crest & a Flicker. Flights of Gulls drifting over towards Fresh P. 8 - 9 A.M.

Spent forenoon in Museum writing letters. Miss Balch at luncheon. Gilbert & I started for Concord at 1.55 getting there before 2. Motored through Arnold Road & Lexington Road under lowering skies with dashes of rain every now & then. Reached Farm at 3.30. Rambled about until after Sunset - which was a glorious one. 25 Juncos in raspberry patch. Gold. crest heard. Started 2 Partridges & 2 hen Pheasants in Cedar Park. Cock Pheasant calling across road. Fresh track of very large buck in Cedar Park. Ice beat 2 mm thro. in full spots

Concord.

Ther Tuesday, Nov. 17, 1914 Wea
Fine

Clear & cold with blustering W. wind. Ground hard frozen except through middle of day when it was very muddy in roads & cultivated lands

(5) Chickadees in Berry Pastures, 5 Goldfinches in Elm by barn; 25 Juncos in orchard, Purple Finch heard in Cedar Park, Tree Sparrows heard chirping & chirping in Birch Field, Partridge started in Run, Downy Woodpecker, 6, at suet (7 A.M.), Tree or Hermit Thrush, Hairy seen by Gilbert, Purple Finch

I was in & out of doors alternately through day, superintending various tasks by various men. Ralph & Grace burnt a brush heap & cut down tree in Berry Pasture. Manson & Cooper got out Stones (our fields littered with recently up covered with of boulders since I. Gardner Lawrence) & hauled up down road. Barbank & I planted lots of bulbs. The Town sent down men to connect transformer on our electric light system. I cranked it. A Brick Finch at evening

Concord (Farm)

Ther 19° Wednesday, Nov. 18, 1914 Wea Fair.

Tracks of Coon & Deer.

Forenoon clear with light N. wind. Afternoon cloudy with faint S.E. breeze. Piercingly chilly with ground hard frozen, all day.

Near farm house:- Downy (♂) at suet, 25 Juncos in orchard, Pheasant track in garden. Brief Field:- Heard Red(?) Crossbills, 2 Jays, White Br. Nuthatch, Red Br. Nuthatch, Tree Sparrows, Goldfinch, Sev. Crows. In road near Spring found beautifully clear Tracks made just after rain of Monday and now frozen of Large Raccoon and of 2 Deer a small doe & a very small fawn. Gray Squirrels numerous about edges of farm. One Red Squirrel heard near Pulpit Rock.

Spent A.M. in Brush Field with Barbank cutting fence for Cambridge. Joseph & George carting dirt for causeways. Spent P.M. near house planting Gulbe etc. Joseph & George cut down big elm front of barn (with axes only). It was more than one half dead. Snowfall 6 inches. Cold all day, Littles. Heavily Clothed.

Concord (Farm) - Cambridge.

Ther Thursday, Nov. 19, 1914 Wea Stormy

1° at Snow fall.

Snowing all day at Concord, raining in Cambridge, heavily in both places with strong, bitter east wind. At Concord the snow [illegible] nearly as soon as it struck earth yet [illegible] the whole face of the country & lay on [illegible] to a depth of one or two inches. [illegible] Pheasant could scarcely [illegible] Hard. [illegible] Spent [illegible] of person in [illegible] work [illegible] [illegible] [illegible]

Cambridge

Ther Friday, Nov. 20, 1914 Wea Cold

Dark cloudy clearing just before Sunset. Drizzling rain all forenoon freezing on branches of trees & hard surfaced sidewalks. Altogether a cheerless as well as c[illegible] day.

A Chickadee & a ♀ Downy near suet, 3 Crows flying low & 2 or 3 Horned Sparrows were the only birds noticed by me about the place.

I spent entire day in working assiduously at bills & letters & clearing my desk of all such accumulations of neglected or postponed duties got before Sapper which I had shown me. Mrs. C. & G. having gone to their Rm. After Supper I entertained myself with scrap-book for an hour & then called at the Allens found Mrs., Mrs., Helen & Betty at home and Margery on night II.

Cambridge - Boston.

Ther Saturday, Nov. 21, 1914 Wea Fine

Clear & cool with dry, bracing air & fresh N. W. wind.

To Boston at 9.30 a.m. Sat & talked with Betty Almy on way in. Called at Stetson's to leave repaired record & last of mss I wish to try. Kept to Safety Vault whereon I took 2 expensive mortgages & left them with Mr. Eddy receiving in their places 2 new ones for same amounts. Also took out certificates of West End Land Co. Stock which I left with Estabrook Esq. to collect the final payment [illegible] & share offered by the [illegible] proceeds of sale of surviving land. This payment cancels the stock I bought.

Spent about 2 hours at our office talked with Arthur, reading & dictating Signed our tax papers. Breakfast at Woodbury's. Called upon an invalid & [illegible] round in about 20 seconds for Frank. Five pleasant hours of chess this evening & got 3 games out from the book. Bed by Twelve without any other de[illegible]

Cambridge

Ther Sunday, Nov. 22, 1914 Wea Fair

Forenoon sunny; afternoon cloudy. Cool but not frosty with light W. wind.

In Garden heard a Downy, saw several Sparrows & 2 Song Sparrows.

In St. Johns at 10.30 Meeting C. Christ. Beautiful music and an uncommonly fine sermon, even for it, on the Great War. [illegible] Health & Wealth Preacher was [illegible]. He called it with Main Obstacle. The Obstacles he named were selfishness & disregard of God. Then came the call to [illegible] without which [illegible] Then followed [illegible] Jesus Christ & His Cause. Then [illegible] of Christian duties of Christians here in England & Scotland at present, the chief [illegible] of [illegible] & Loyalty. The appeal was based on the [illegible] Then [illegible] 6 to 10. In the [illegible] the Bishop [illegible]

Cambridge.

Ther Monday, Nov. 23, 1914 Wea Fine

Clear & frosty cold with light Westerly wind.

In Garden heard a Chickadee & a White-throated Sparrow. The latter sang loudly many times, apparently just outside my window. The only other bird I heard was a few Crows flying over.

Spent day in Museum. In forenoon wrote letters among which was a rather difficult one to Henry Endicott who is suing Mrs. Gen. Meiam about settlement of her late husband's estate. Mr. Endicott wrote that I was to understand that he was encouraging the lawsuit according to "absent" code. I had thought them all settled. No sense has been heard since last fall.

Thelma called [illegible] afternoon & gave me a most entertaining account of [illegible] with "Boy Scouts" [illegible] Jonesville. Vernon Hardy called also. To Mr. Fairchilds' a most wonderful gift to Emerson from C. & for E. K. S. in China [illegible] Spent an hour there with Louise Hardy, Sally & Gordon.

Cambridge

Ther Tuesday, Nov. 24, 1914 Wea
Fine

Clear with day, frosty air & light N. wind.

Looking out bath room window at 8 a. m. I saw a nuthatch (first of season) alight in top of catalpa tree by Museum where he sat facing me for several minutes with the sun beams lighting up his grey small head and white cheeks. a jay (6th, 7th or 8th this season) was noted later in the morning. [illegible] before sunset a flock (about 40 or 50), fully adult, appeared in sky. 60 being near my window I counted them carefully & discovered 59 birds in the flock. Evening closed in with a light frost.

Spent forenoon in Museum writing letters. Received a card from C. L. Cook (Class of 1915) to get Person Barkley who knocked down the old wood work with his shoulder. Friends Point taken on board & Commanders, a small Hotchkiss & about 60 Hotchkiss rifles. Gilbert took train in town late for his train, the Federal Express for N. Y. Had mail from Henry & Frederick Nevins in this week's mail.

Cambridge

Ther Wednesday, Nov. 25, 1914 Wea
Henry Henshaw arrives Fair

Partly [illegible]
& rather [illegible].

In Garden in Chesapeake Board, South-west (heard), Hooded Sparrows (8 or 9) & Blue Jays.

Spent forenoon in museum. At 12 walked out and took an observation, [illegible] all forenoon with opening paragraph [illegible] going it is my obligation [illegible] again after nineteen but was soon called into harness by C. the very great surprise of Henry Henshaw who came on from W. Coast Sunday night & has since been with his sister at Wellesley Hills. C. had persuaded him to come here for Thanksgiving & is staying until Saturday.

Left town for exercise with him & walked down to Bellevue Avenue & bought him large chrysanthemum & some small plants for the Henry & I spent most of evening playing Backgammon records.

Cambridge.

Ther Thursday, Nov. 26, 1914 Wea
Thanksgiving day. Fair.

Clear, calm, very mild. Indian Summer
Back again after lowering weather.

In Garden a Juncos, 12+ House Sparrows,
[illegible] robins.

Henry & I set out for a walk shortly after breakfast. It [illegible] which I had next seen before was at hand reached [illegible] stood along main highway to Watertown bridge. It was crowded with traffic [illegible] heading to Cambridge & Boston, [illegible] kept to Harvard Square. Then back up Brattle Street

At 1.30 we sat down eighteen at table.
Mrs. Hopkins, Mr & Mrs. Sawyer, two Chapmans & two Wilcoxes, Miss Atkins, Miss Hankins & two Clarks from Worcester, Miss Purcell, Miss Cressey & Mrs. Cobb, Walter Stevens, George V. Cresswell - arriving telegrams & cable messages announcing [illegible] delivered as received during dinner. After dessert [illegible] Henry, Robert & I, [illegible] moved after all

Cambridge.

Ther Friday, Nov. 27, 1914 Wea
Fair

Forenoon sunny; afternoon cloudy. Calm & mild. Grass still green on city lawns. Traces of a foot of snow no further away than Worcester, Mass. according to Miss Atkins. Robert reports a inch or two at Concord.

In Garden a [illegible], 1 Hermit Thrush (together on ground in afternoon bush), about a dozen House Sparrows, a Jay, [illegible] (heard).

[illegible] & Henry went in town to day shortly after noon. I remained on Thanksgiving N. Story but made no progress. After luncheon motored down to Mrs. C.Z. with Henry leaving him there & going to Harvard Sq. to get hair cut. Returned to [illegible] & remained there with Mrs, [illegible] C.P.H. from Europe. Husband & [illegible] together on back room. Henry returned on Fredric's motor car, [illegible] & arrived. Rest of Thanksgiving day I remained home. Mother & [illegible] dinner at 8.30 & back at Quincy

Cambridge - Watertown - Newton.

Ther Saturday, Nov. 28, 1914 Wea Fine

Brilliantly clear with dry steady air & cold or no wind.

In Garden a very robin Northern Shrike perched in top of tall poplar in Temple at 10 a. m. Rode a few Horse Chestnuts but nothing else.

Leaving the house at 11 A.M., Henry & I motored to Newton where we inspected Stanley Cars & women taken out by Mr. Wilson for a short spin in one of them. Thence we kept on to Weymouth but found that he was away from home - "on the Cape". Returned via River parkway, at the rear of Watertown Arsenal we saw a beautiful ♂ Sparrow Hawk stoop down to ground at base of big oak. Saw only four robins feeding in trees, a few of Starlings (near Arsenal) & a few Juncos. Home to Cambridge just in time to call on our old Schoolmate Benjamin Hoag at his Savings Bank but he was busy - left it to Emily to walk downtown on Work-Bound R.R. in ½ hr. but finished to smoke at 73. Later I called on Mrs. Putnam who was

Cambridge - Boston.

Ther Sunday, Nov. 29, 1914 Wea Perfect

Henry Hawthorne departs.

Brilliantly clear air, absolutely windless day, thermometer warmth, both on ground; altogether a lovely perfect day.

In Garden; a Song Sparrow, a Hermit Thrush or Winter Wren [illegible] Juncos, Tree Sparrows, Chickadees & Blue Jays seen and a Downy heard.

Henry & I called on F. W. Putnam in Peabody Museum at 9 A.M. to accompany us [illegible] Magnolia Cemetery from [illegible] Lodge & Pendleton Estate. The remaining members of his family embarked in motor & promptly proceeded [illegible] & Broadway & Main St. [illegible] Mystic Lakes, Medford Hillside Cemetery & Woodlawn Cemetery, Everett & Malden; [illegible] Malden, Melrose Highlands & Main [illegible] Harvard Square, Cambridge, reaching home about 4 P.M. Lovely day. Reached [illegible] at 4.10 & Henry left for Washington on Federal Express at 5.02 P.M. [illegible]

Cambridge - Concord

Ther Monday, Nov. 30, 1914 Wea Fair

Cloudy, calm, mild but chilly.

In Garden: a Tox Sparrow & a Junco - Brown; also a dozen or more Song Sparrows.

Spent forenoon in Museum working on Black-backed Three-toed Woodpecker skin and at length completing the first page of it.

Gilbert & I left the house at 2 P.M. and walked to Concord reaching that village at 3. Although I kept out the window for birds all the way the only one of any kind seen by me was a hen Pheasant that ran across the road in Waltham. We got to the farm about 3.30. I went down into the woods skirting a Partridge Grass & a Cock Pheasant at the edge of the orchard. Tracy & others reported 15 Pheasants in Cedars. Paul Tax ...

Concord (Farm & Baldi Hill)

Ther Tuesday, Dec. 1, 1914 Wea Perfect.

Cloudless, absolutely windless, almost too warm for comfort.

Birds very numerous in unusual numbers & variety for the season. Within sight or hearing of farm house 25+ species (in orchard 1, (5) Chickadees (nesting Sapsucker in hollow apple tree), Crows (Sev.) Jays (4 or 5, very noisy), Downy (heard), Cock Pheasant shouted in tree, 5 gray birds in buckwheat, Sapsucker (in hollow apple tree, mobbed by Chickadees). In tree 2 Canada Nuthatches, in Pulpit Rock pasture 2 " " & Brown Creeper. In Beech Field 3 Goldfinches & Pine Grosbeak heard. In Grass Field 1 Yellow-rump W., 5 Chickadees, 2 Golden-crests, 25+ Juncos. In Prescott Pasture 2 " ". Over Pine Hill 2 Crows, Nuthatches. In Bennett's woodlot field 7 Juncos.

Circling Chickadee flock with Nuthatch in forenoon. Visited Beech Field, Farm Field & Baldi Hill. Heard many Meadowlark & Bluebird. Air almost suffocating. Spent P.M. out of doors on farm hearing Grosbeak Canon, Chickadee etc

Ther Wednesday, Dec. 2, 1914 Wea

Stormy

Densely cloudy & more or less foggy, also, wintry flurries - like rain falling occasionally.

Left Warren at 8.15 A motored to Cambridge via Cowherd Valley, Lexington & Arcadia Roads. The only birds seen along the way were three House Sparrows.

Reached Museum at 9.22 & went to work at once on Archi Thrasher Woodpecker story. Worked on it all day but made no satisfactory progress save by determining improving & purging already written & composing almost a page of new matter.

We had delicious noodle soup both luncheon & dinner. At 9.15 P. M. Dorsey began reading to us from a Crawford story. Then we began our bird discussion.

Many purple lashes delights in full bloom on Cowherd yesterday.

23 Ther Thursday, Dec. 3, 1914 Wea

I cease smoking Perfect.

Clear, calm, very warm for season. Precipitation a day cloudy like day before yesterday.

In Garden; a Chickadee (heard), 2 Golden-crested Kinglets (together in elm near driveway), a Flicker (in elm near Spanish Shed), 3 Jays, a Downy Woodpecker (heard), 2 Crows (flying over)

Spent most of day in Museum copying bird notes from this diary into large journal & Garden & records books. Began Typewriting in Museum this morning. She first copied my last page about Thrasher Woodpecker & then turned her attention to transcribing George Jefferson's [illegible] I did not feel in the mood for composing or anything so did not attempt it. I have not travelled in any [illegible] afternoon, [illegible] at all, & would [illegible] [illegible] [illegible]

Cambridge - Boston

Ther Friday, Dec. 4, 1914 Wea Fine.

Sunny, calm, mild.

A Chickadee, 2 Jays & about a dozen House Sparrows in Garden.

C. & I motored to Mt. Auburn after breakfast to visit Henry Purdie's grave. A headstone has been erected, since we were there last C. thinks but I am not so sure that we did not overlook it then. At all events we found the snow drops several feet to one side of where the stone now stands. Probably its position is merely symbolic for Henry was cremated.

Returning we stopped at Harvard Square. I ordered a new suit of grey clothes at Harvard Cooperative, called at Charles River Bank & then went in town. Bought a round, folding table for C. Visited offices & signed Power of Atty for Gallaudet & forwarded mortgage & release, ordered at Woodbury's. Bought for Hazel cash for several new records at Damon's. Home by 4 P.M.: Packed for trip to Bethel by 6 - manual. Solitary cribbage.

Cambridge - Bethel.

Ther Saturday, Dec. 5, 1914 Wea Fine

Clear & cold with light variable wind

Took 8.55 a.m. train, W. Div. B. & M., for Bethel. Reached Portland at 12.25 & dined in Union Station there. Passing around city in street train saw 200+ Black Duck "beddded" in [illegible] Cove. & also 300+ Gulls. [illegible] Land at Falmouth in washed drifts on northern exposures. It increased as we neared Paris but thin & beyond the open country was mostly bare of it. Bryant's Pond quite free from ice as in Locke Ambagog, I was told. Reached Bethel at 4.35. Drove up village street in wagon drawn by two big white horses over bare frozen ruttish ground. Most cordially welcomed by Dr. & Mrs. G. Spent evening visiting in living room & lounge, about eight others present among whom Mrs. Kilbourne of Cambridge. Smoked & chatted with Cole Golding. He attends Hebron Academy up to about Dec. 26. I was invited to dinner in Cottage for tonight

Bethel

Ther 4°, 30°, 20° — Sunday, Dec. 6, 1914 — Wea Perfect

Brilliantly clear, dead calm, frosty & stinging free from chill. Altogether a lovely perfect winter day.

Leaving the house at 9.30 a.m. the Doctor & I did not reach it until 1. The road lies through [illegible] woods, & is a mere track in Rob Meserve's Pasture. Then in the old British style, known by way of the Grove Hill logging road. Fields & openings bare the grass encrusted with frost crystals shining like diamonds. Much hard frozen snow in shaded places, very pleasing to walk over. No wind whatever stirring before high noon. Woods eerily silent and veiled, as it were, with Celestial Calm & beauty, their glades & path ways illumined with transcendently clear & pale sunlight. No sound to save the occasional chirp of a little bird or the rustle of a flock of [illegible]. The only birds met with were Chickadees, Tufted Titmice, Downy & Hairy Woodpeckers & a Red Squirrel. Saw [illegible] Partridge (2 flushed [illegible] & some beautiful specimens of Hemlock & Spruce. Birches & Beeches [illegible] almost sovereign [illegible] & Pines & Hemlocks [illegible] Partridge & Rabbit tracks & [illegible]. Many signs of Deer & Rabbits. [illegible] Pine & Hemlock [illegible] & Hemlock [illegible] & Spruce & Hemlock [illegible] & Hemlock [illegible] & Spruce & Hemlock [illegible] & Hemlock [illegible] & Spruce

Cambridge.

Ther Tuesday, Dec. 8, 1914 Wea Stormy

Dark cloudy with drizzling rain freezing as it struck & coating every branch & twig with clear ice yet not heavily enough to do much damage to our trees. Light, chill easterly wind

In Garden: a Crow heard & Screech Sparrow seen.

Spent day in Museum working on Arctic Flora - read Frostpicker story & adding to it a page of friendly composed matter. Working comes harder now than usual with me this spring after having so long ceased to practise it yet my interest in the task is as keen as ever, I am happy to say.

Mrs. Henry, Treacy & Helen came in this evening to hear Francis Yeats-Brown lecture in Emmanuel Lecture Room.

Cambridge.

Ther Wednesday, Dec. 9, 1914 Wea

1 d.

[illegible]

[illegible]

[illegible]

Cambridge.

Ther Thursday, Dec. 10, 1914 Wea Fair.

Forenoon cloudy for most parts. Afternoon sunny. Calm & rather cold. Ice melting from trees to which it had clung ever since it formed on Sunday last.

Bird life in garden at low ebb. Heard a Jay & saw a few H. Sparrows but failed to note anything else.

Went [illegible] in Museum working on [illegible] Woodpecker Story. C. typewriting it in fair copy. Added a couple of pages which I had transcribed & one after the other cleared away. All three were completed from Mrs Hammond.

Miss Bishop dined with us at 6.30. She & C. went to [illegible] & I finished reading B. K. S. & V. Found reading it good. I plumped Victoria for her as house or mess.

Cambridge.

Ther Friday, Dec. 11, 1914 Wea Dull

Cloudy, Calm, mild. Ice all off trees, garden walks muddy.

In Garden saw a Golden-crested Kinglet, several House Sparrows & 2 Jays & heard a Flicker.

Working all day on Black-backed Woodpecker Story. Finished it at 6 P.M. after adding to it four pages three of which were compiled from the journal. No doubt it will have to be tinkered more or less yet before it can be considered satisfactory.

Henry Endicott called at 4.30 P.M. to discuss outlay on Mrs. Mc. Mellons house. (6 Riedesel Ave). I have placed over 330 for plumbing & electric wiring & Mrs. Mc. M. has an unpaid bill for papering & painting of $385. It was finally agreed that the rent should be raised to $50 to capitalize @ 10%, this largest part of my outlay. Mr. Endicott is to settle all unpaid bills & to send me a cheque for $210 which plus $250. given me by Mr. Mc. M. Last May will square the rent for the whole year.

Victoria music in hall this evening for C. & E. to hear. No reading.

Cambridge.

Ther 26° & 34° — Saturday, Dec. 12, 1914 — Wea Fine.

Clear, calm, rather cool. Everything white with hoar frost at sunrise.

In Garden 2 Jays, a Fieldfare (heard), several House Sparrows and a Downy (in top of Tall tree in Jungle).

Spent day in Museum working on Banded Throw. Lord Woodford's Story. Composed two opening pages of general matter for it. This work of working Drawers is coming just as hard as ever.

Mr. Cobb-Fuller's Came in just after dinner to hear Victrola records. I played many of our more recent ones but hardly any of them sounded quite right to me.

Everyone was astounded by the news that Molly Wyman was married in Cambridge this morn to Prof. W. M. Davis to whom she was not even known to be engaged.

Cambridge.

Ther — Sunday, Dec. 13, 1914 — Wea Dull

Second heavy hoar frost presaging near approach of stormy weather. After shining brightly for an hour & melting all the frost the sun retired into a bank of clouds about 9 a.m. Remainder of day cloudy & calm. Heavy rainfall beginning soon after dark & continuing for most nights.

A single chattering Sparrow on the Museum roof and a solitary Carrion Crow perched in the Cinders were literally all the birds noted by me about our grounds to-day.

Recalled by the illness of one of our maids C. returned from St. Johns just as I was about to start for it at 10.30. So I spent remainder of forenoon in Museum writing letters & cheques for bills. We had the Fairchilds & Miss Allyn at dinner. They all left before 3. At 5 I went to the Almys' for afternoon tea with the Putnams & Shafts. George & Mary Dixon came down this evening to hear Victrola. I played many recent records for them.

Cambridge.

Ther — Monday, Dec. 14,, 1914 — Wea

Gymnasium exercises begun.

Sunny with rising N. W. wind & falling temperature

In Garden: Only a Crow & a Jay heard and 3 or 4 House Sparrows seen. Nothing comes to our suet or has done so, to my knowledge, this autumn or winter. Not only is bird life at low ebb but Gray Squirrels also are not often seen. This seems to be quite a season of partial hibernation lasting for a month or more.

Spent part of day in Museum working on Banded-backed Woodpeckers slowly. Did little more than revise & rewrite the 2 pp. composed yesterday. Had many vexatious interruptions of one kind or another

Dick Dana called for me with his motor Car at 4.40 P.M. & took me over to a Harvard gymnasium on Chauncy Street where I have joined a class of old fellows & proposes to exercise thrice weekly through the winter. We kept at it together for an hour (5-6) & a day & ended with a cold shower bath. I enjoyed it greatly.
Helen & Archa along calm in this area for Victrola music

Cambridge.

Ther 15° — Tuesday, Dec. 15, 1914 — Wea Fine

Clear & cold with high N. W. wind. Ground hard frozen again.

In Garden: heard a Flicker & a Downy calling

Spent day in Museum. Worked on Banded Three-toed Woodpecker in forenoon rewriting most of introductory part for third time. Verily am I in "this Wordrums" again with respect to this writing business. Why cannot I make my pen say what is in my mind especially when, as is often the case, the thought is common place enough? The more it is for the greater the difficulty, it would seem, perhaps because I try so hard to make it appear otherwise.

In afternoon wrote letters & cheques and selected upwards of fifty specimens of Parrots, mostly from Mexico, to be sent Ridgway for study in comm. with his results on Part VII, Birds of North & Central Amer.
Victrola music in hall 7.30-9.30 P.M.
Uncommonly good rendering to-night.

Cambridge

Ther 12°. Wednesday, Dec. 16, 1914 Wea Fine.

Clear & cold with light N.W. wind.

In Garden: a Golden-crested Kinglet, a Jay, a Flicker & a Downy heard and several House Sparrows seen.

Spent day in Museum working on Barred Woodpecker Story. Added two or three pages of rather poorly written matter & most of this compiled from Journal. Word reached us this morning from Mrs. Bruce that George Sawyer, who dined with us on Thanksgiving day, had dropped dead last night in his rooms in the old Craigie Mansion now a boarding house. L. hurried down there at once, to be with Mrs. Sawyer through this day as was Mrs. Bruce.

I called on the Bruces this evening & spent an hour with them pleasantly. Our bulbs were planted late this year & are very backward. Even the paper whites have not begun to show.

Cambridge

Ther Thursday, Dec. 17, 1914 Wea Fine

Clear & calm, with keen, frosty air less cold, however, than that of yesterday.

The Garden apparently quite barren of bird life save for the presence of a few House Sparrows. I have not set eyes on a Squirrel for more than a week nor had "Jim", the little Irish terrier, of one may judge by his present lack of interest in the Jungle.

Spent day at my usual task. Compiled three more pages from Journal for Barred Woodpecker Story. C. typewriting it for an hour before & two hours after luncheon.

"We Dine" at Walter Deane's this eve. Everyone there except Barbour. I sat on Walter's left with Townsend next me. Talked mostly with Bent, about his Gnatcatcher, after dinner.

Cambridge - Boston.

Ther 10° — Friday, Dec. 18, 1914 — Wea -7 in.

Clear & cold but almost windless & hence a comfortable seeming winter day.

In Garden: heard a Flicker & a Jay and saw a few House Sparrows.

Had to write letters after breakfast. Got to work at my Embryo Tables at 11.30 and wrote a page completed from Journal, at 12.45 C. & I motored to Mr. Anderson's to attend Geo. Sawyer's funeral in the Chapel which was well filled. Janssig managing everything & doing it well. Mary Greenough formerly of Chocorua & Bath with us, just behind Mrs. Sawyer & Janssig, Frank Sanborn there. We were back home by 12.30 & I played Victrola for Mary for half an hour.

Went in town after lunch to meet Mrs. Haley. She is nervously unstrung by Mr. Haley's sickness & also by Miss Hearbon who continues to make trouble in the school. The Haleys will go soon to Florida for the winter.

After leaving office I called at Dittson's & bought 5 sheet music. Home by 6.

Evening Miller supped with C. & Mrs. E. R. S. at Bea-

Cambridge - Boston.

24 Ther — Saturday, Dec. 19, 1914 — Wea

Elected President Grenfell Ass'n.

Cloudy and mild but chilly. Rain began falling in mid afternoon to be followed by a heavy downpour soon after night set in.

In Garden: noted no birds save a few House Sparrows.

To Boston at 10.30 to attend meeting of Grenfell Association Directors in our office. Eight of us present, including Arthur Estabrooke, Fred Gallaupe, Dr. Cushing, Mr. Gould, Prof. Daly, and Miss Smith.

We spent almost three hours discussing a need list of boy-lovers, formerly adopted. It was voted to incorporate Association. Officers elected, much to my surprise & somewhat to my consternation they elected me President to serve, however, only until the annual meeting in February. We broke up about 2, when I went to Westborough. After dining there called at Dittson's & got two more sheets. Home by 4. Worked on Embryo until 6. Typewriting, Mrs. S. wrote J. Frederick remainder in hand 7.30 - 9.30.

Cambridge.

Ther Sunday, Dec. 20, 1914 Wea Fine

Clear & cool with light northerly wind; altogether a delightful day.

In Garden a Jay, a Downy (heard.) and half a dozen or more House Sparrows. The Jay spent upwards of ten minutes in the copper gutter of Museum roof directly over my desk, tapping at the metal every now and then much after the manner of a Flicker. Indeed I thought, at first, that this or some other kind of Woodpecker was making the sounds but finally stepped out & saw the Jay fly away.

½ & I walked down to St. Johns together this morning. Dr. Hodges preached an exceptionally fine sermon, even for him. We had as dinner, besides Miss Allyn, Mr & Mrs. Abney. Afterwards I played the Victrola for them. Miss Allyn loves its music.

C. went in to hear Oratorio this eve. I called on the Russells' (8.20-10) & had a delightful talk with Joe.

Cambridge.

Ther Monday, Dec. 21, 1914 Wea First Snow Storm. Stormy

Snow began falling before daybreak & continued doing so until noon when it turned to rain. It then covered the ground to a depth of about 5 inches nor did it settle much later. Streets & sidewalks deep in slippery slush all afternoon.

In Garden; no birds noted except a few House Sparrows.

Spent day in Museum. Worked on formation on revision of Bonded Woodpecker story which C. was busy copying. Wrote letters in afternoon. Miss Boldt breakfasted with us & heard Victrola music afterwards.

Nuttall Meeting this evening. Members turned out well despite lowering skies & attractions elsewhere. John Murdock gave us a very interesting talk on his bird nesting experiences at Point Barrow many years ago. Local field notes few in number & of little interest.

Cambridge - Boston.

Ther Tuesday, Dec. 22, 1914 Wea
More Trouble at Wolfeboro. -7 mo

Clear & cool with light westerly winds. Ground covered to depth of 4 inches with icy-crusted snow. Excellent sleighing away from car tracks, especially in Brattle St., but no sleighs out. Sidewalks mostly covered with glare-ice & very slippery where not dusted with sand or ashes.

In Garden: a Junco, at first feeding on top of gray brick, afterwards on snow among perennial flower plants; 2 Jays flitting through Jungle; several House Sparrows; a Downy calling in distance somewhere.

To Boston at 10 a. m. at office most of time from 10.30 to 5.15. Letter from Sargent, received this yesterday, giving detailed account of trouble made recently at Brewster Academy by Miss Hearst. It is passed to both Arthur, neither Judge Abbott - who happened in - and neither Judge Bell who called at my request in late P.M. No final decision about it as yet. Shall answer J. K. Lowell's advice to-morrow. Dictated letter to Jos Russell urging him not to resign from our Board of Trustees of B.T.A. Dined at Harvard Union. Bought bellicle hat from Stall. Home by 6 P.M.

Cambridge. Boston

Ther 10° Wednesday, Dec. 23, 1914 Wea -7mo

Clear & cold with light westerly wind. Entire surface & most of Back Bay Basin frozen over. About 50 Yards on ice between W. Boston & Craigie bridges. Other big boats have made lanes of open water.

In Garden: no birds save Sparrows & Juncos

To Boston at 10.30. John K. Lowell joined me, at the office about 11 A.M. to discuss the Hearst matter. Arthur E. came up a little later. After careful deliberation we finally compounded a letter to Miss H. we sent another to Sargent. I signed the former & Arthur & I jointly the latter. I also sent a line to Mrs. Haley.

We have authorized Sargent to say to all who enquire that Miss H. will not be one of our teachers after the close of this year.

Dined at Marlboro. Leaving office for another at 4 P.M. did a little Christmas shopping & bought several more records at Wilson's. Home by 5.30. Opened our Christmas presents this evening. Received from Thomas records

Cambridge - New York

Ther Thursday, Dec. 24, 1914 Wea Drill

Cloudy & cold. Snow began falling about 2 P.M. but it had scarcely more than whitened the ground by night

C., E.R.S. & I started from South Station for New York at 10 a.m. Found Reginald Robbins in Seat next mine and Mr. & Mrs. Wood (Mr. W. being one of the veteran members of Estabrook & Co) in another car. Spent much time talking with these fellow Travellers. Saw several Ospreys' nests between Mount Lowden & Bayonne. Just before reaching former place Robbins saw some large flocks of Ducks rise from the Sound. The water dark colored with occasional white caps on their wings & backs. I saw one Sheath Duck in the center of a Meadow back on way.

Reached New York at 3.10 & took Taxi-Cab to "The Algonquin" where we had secured a Suite of very attractive rooms on Second floor. H.W. Hemsley arrived from Washington about 4. H.S & I still up late chatting.

New York.

Ther Friday, Dec. 25, 1914 Wea Fine.

Clear & very cold with light northerly wind

Mrs W. H., E.R.S. and I had breakfast together at 8.30. C. meanwhile had gone out to early church Service. Shortly after breakfast Henry & I went forth for a walk. We visited the Manhattan - Fifth Avenue Hotels, known as Social Centers of fashionably dressed people, and finally the Grand Central Depot - returning by Madison Ave. to Thirty Second St. & Fifth Ave. & so back to the Hotel. Had a most interesting talk with Mr. Reed the head waiter of the Algonquin. Talking of Indians he brought out a book entitled "Unchiyagh" by Mrs. Dorothy P. Dwight recounting her experiences among the Ojibway Indians, both interesting & charming to the uncommonly well read. We had Cocktails together before 6.45 returning from Central Station by Subway. It was an experience for Henry & myself to see the great crowds in all the streets of their hotels & their crowded Stations. Subway & Evening Cafe was at 9.30 & to bed.

New York

Ther 4° Saturday, Dec. 26, 1914 Wea 7'cm

Clear & intensely cold with light northerly wind.

C. had a severe headache & kept her bed all day. E. R. S. visited her friend Mrs. Emerson & her nephews, Wills Emersons, in forenoon getting back shortly after luncheon. Harvey & I breakfasted together and then started for American Museum by the Elevated. It proved an off day for the ornithologists whom we had hoped to see, not one of them being on duty. We were told that Chapman was ill with bronchitis & Dwight only just returned from his honeymoon trip. We consoled ourselves for this disappointment by rambling through the Museum & spending upwards of an hour viewing its magnificent collection of fossils. We met Jean Bardeen in one of the halls & he kept with us after that.

Spent P.M. & evening in Henry's room talking an endless lot of nonsensical things.

New York - Cambridge.

Ther Sunday, Dec. 27, 1914 Wea Fair

Sunny & cold but with clouds gathering and temperature moderating as the day wore on.

We all breakfasted together at 8.30 and lunched at 1. Henry & I spent most of forenoon in his room, talking. We left "The Algonquin" at 2.25 for the take 3.30 train for Washington, via the 3 o'clock Shore Line one for Boston. It was due there at 8.43 but kept losing time because of ice in Langlet & Saugatuck and some trouble with the engine, so that we did not arrive until 9.30. A motor cab met us at Back Bay & wheeled us over to Cambridge over hard-packed snow & ice which seemed to offer of sufficient slipping although no slipping was visible. So little "Jim" gave us all a delightfully warm welcome at the house. I saw no birds whatever during this return trip.

Cambridge.

Ther 34° Monday, Dec. 28, 1914 Wea Fair

Partly sunny, frosty cloudy. Calm Mild.

In Garden: a ♂ Hairy Woodpecker appeared about noon in catalapa front of Museum. As he was hammering noisily on one of its branches a Downy was calling not far off. The latter bird, a ♀, immediately replaced the former when he finally flew off into the Jungle & presently followed him there. I heard a Flicker & saw a Blue Jay shortly after this. A dozen or more House Sparrows flitting to & fro at intervals throughout day.

I spent most of forenoon & entire afternoon in Museum working letters & acknowledging Christmas presents. Harry Spelman called in late P.M. and the Cobb-Fullers in early evening.

At 8.30 P.M. I went in to the Adams' finding Mrs. D. Mrs. at home & chatting with them for almost two hours. An aggressive letter from Miss Hunter awaited me this morning.

Cambridge - Boston

Ther Tuesday, Dec. 29, 1914 Wea Stormy

Dark cloudy with incessant fine rain freezing as it struck and coating everything with ice in Cambridge thereby making walking perilous there although in Boston the sidewalks & crossings were merely wet & muddy. Air chilly. Very little wind.

Flicker calling incessantly in bird-way for many minutes, about 7:30 A.M.

Started for Boston at 9 A.M. Spent whole day in office not leaving it except for lunch - at Maulton's - until 4.30 P.M. Signed quarterly disbursement cheques and had an interview with John Abbott concerning the Grace Hunter complication. A letter came from her this morning. She has employed a lawyer to conduct her case. Abbott advised me not to answer her nor to see him. He (Abbott) will do this latter. He thinks we should have a Special meeting of Trustees to pass on Miss H's resignation to take effect not June. I dictated a letter to Judge Bell explaining all this. The Spelmans came down this evening to have breakfast. I played it from 8 to 10:30.

Cambridge

Ther Wednesday, Dec. 30, 1914 Wea

Sunny & mild. Wind rather high westerly wind. Snow & ice melting through forenoon but stiffening again before nightfall. Surface of streets cut up to heavy motors & very rough.

In Garden: a Downy and at least two Blue Jays heard; several House Sparrows seen.

Spent day in Museum working on Bandedt Thesis - Lord Woodforde's Story. Wrote five pp. all completed, however, from an article on the nesting of the Bandedness contributed by me to "The Osprey" years ago. I am now condensing and otherwise changing most of this matter but transcribing some of it almost literally.

Prayed the Brickers to C. after lunch and to C. & E. R.S. This evening reborn we also had reading aloud from Marion Crawford's "Fair Margaret", a capital story. Mrs. Cobb called at 5.30

Cambridge.

Ther Thursday, Dec. 31, 1914 Wea
24° max. 7 in

Clear & seasonably cold with light westerly wind. Our city lawns, parks & streets coated to a depth of four or more inches with hard snow, ice or icy snow, I know not which to call it. It has mostly disappeared from the side-walks but they are still dangerously slippery in many places

Bird-life continues at low ebb hereabouts. I noted only a solitary Flicker & a few House Sparrows in our grounds. The only Gray Squirrel seen there for almost or quite a month past appeared about noon in the Jungle.

This, the closing day of a year that must be forever memorable because of the Great War that began last August, has been spent by me in Museum working at my accustomed & delightful task with C. There through A.M. typewriting my MS. I wrote only three pp. & these completed E. R. S. has been reading aloud to me & to us during the evening. C. has gone to Victoria music all the evening. C. has gone in town to see the New Year in at St. Paul's. I am sitting up to await her return.

Choice Victrola Records

Memoranda
12 inch

xxx 89018. Traviata - Carusi & Homer
xx 89038. " (Miserere) Alda
x 89001. Forza d. Destino - Scotti
xx 88064. Traviata - Melba
x 74105. O. Sole Mio - Gogorza
xxx 31781. Te Deum. Trinity Choir
x 74135. Thais (Drobin) Maud Powell
88108. The Rosary. Schumann Heink
xxx 74251. Home Sweet Home. Alma Gluck
35150 A. Serenade: Haine & Lyons.
xx 88433. Ave Maria. Alma Gluck
35243 A } Sunshine Symphony
" B }
xx 70002. I Love a Lassie - Lauder
74204. Drink to me only - McCormack
xx { 35286 A } Marches. Sousa's band
" B }

Choice Victrola Records.

Memoranda
10 inch

xxx { 17454 - A. Humoresque } Venetian Trio
" B. Barcarolle }
xx 64072. Rigoletto - Constantino
xx { 17442 A. Mexican Serenade } Carlos Fronzoni
" B. }
xx 64411. Beautiful Isle of S. - Williams
x 64427. Largo (Violin) Maud Powell
xx 60037. Printemps Lucy Marsh
x 60012. My Hero " "
x 60040. Pink Lady " "
xx 64311. When Russ Shannon. McCormack
x 64423 Come where my love " "
64259. Harp Japan Hall " "
xx 64210. Loch Lomond " "
xxx 87107. Whispering Hope. Gluck & Homer
xxx 87132. Abide with Me " "
xx 64046. Le Cygne (cello) Holmes
17087. Minuet
xx { 17222 A. What Kill the Dog
" B. Three Jews

Memoranda

Memoranda

Birds in our Garden, Cambridge.

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
1.	Blue Jay 2 (2) x 4 (2) 5 (3) 6 (4) 7 (2) 11 hd. 12 (3) 17 hd. 18 hd. 19 hd. 23 hd. 28 (2). 30'		
2.	Brown Creeper 2' picked up dead under Almy elms.		
3.	Golden-crest K. 3 (2)		
4.	Chickadee 3 (6) 4 (3) 5' 1 at Sunset 6 (3) do 7 (3) do. 8 (8) do 9 3 do. 10' 11 2 12 (5+) 13' 14 2 at Sunset 16 do. 17 6+ 19 2 20' 21' 22'		
5	Flicker 3 hd. 9 hd. 12 6 calling P. apples 22 hd. 31 hd		
6	Crow 4 hd in early morn. 5 do. 7 do. 10' 16 hd. 20 hd. 24 hd. 30'		
7	Hairy Woodpecker 8 hole by Sunset 12 (2) 19 (3) 25 hd 29 8 in lilacs, As tame as a Chickadee.		
8	Downy Woodpecker 12 +		
9	Screech Owl. 16' x wailing in lindens, 9 P.M. 17 hd at daybreak (C)		
10	Brown Thrasher 19' going to roost in Mus. vin. 28' do 29 seen in lilacs. 30' on roost in vines S. 15 31 do 6 P.M.		
11.	House Sparrow 19' (first noted this month) 20' 28 hd 30 2		

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
	23' 25 (3) 26 (3) at Sunset. 28 3 do. 29 3 30 2		

Birds in our Garden, Cambridge.

CASH ACCOUNT. FEBRUARY.

Date.		Received.	Paid.
1	Chickadee 1 4 2 5 3 3 5 (6) 6 (3+) 7 (4) 8 (5) 9 2		
2	Thrasher 1 1 on roost at 5h 05m 2 do 3 1 do 5h 20m 4 do 5h 25m 6 do. 19 1 in bleak at 10 a.m. 21 1 in bleak 26 1 do 9 a.m.		
3	Jay 1 hd. 2 hd. 3 1 5 1 8 1 10 hd. 13 hd. 15 1		
4	House Sparrow 2 2 3 hd. 5 4 8 hd. 13 hd		
5	Hairy Woodpecker 2 1 5 ♀ on elder. 8 hd. 10 hd		
6	White thr. Sparrow 6 in bird south. Warbler-like chirp		
7	Crow. 12 (3) 15 (3) 17 1 18 1 19 1		
8	Downy Woodpecker 15 (♂ ♀ ♀) all together in apple tree. ♂ in suet		
9	Screech Owl. 21 1 mobbed by crows in spruce, Hubbard Pk. (Perry H.)		
10	Lesser Redpoll (18) (1 ad ♀) feeding on birch seeds with 3 Goldfinches 24		
11	Goldfinch 24 (3) feeding on grey birch seeds with 18 Redpolls.		
12	Tree Sparrow 24 1 feeding on grey birch seeds on snow.		

CASH ACCOUNT. FEBRUARY.

Date.		Received.	Paid.
	10 (3) 12 hd. 15 (3) ♂ ♂ suet 23 do. 26 1		
	7 do in s'20 8 do s. do. 13 started from roost by Perry at 5h P.M. 27 do 28 1 started from roost by Perry at 5. 50 P.M.	16 do by Gilbert	18 3 in bleak (3) at 9 a.m. do in maple (Perry) at 5h P.M.
	17 1 18 1 19 1 20 1 23 (2) 25 (2) 26 (2) 27 2 28 (2)		
	26 2 28 1		
	17 1		
	20 1 21 dow. mooing soaps in Hubbard Park 22 hd. 23 1 25 hd. 26 hd. 28 hd.		
	26 ♂ ♀		
	25 hd.		
	25 (2) do		

Birds in our Garden, Cambridge.

CASH ACCOUNT. MARCH.

Date.		Received.	Paid.
	Chickadee 2 hd 6' 7² 11' 12' 17'		
	Thrasher 2 in lilacs, 3 on roost in our ground.		
	Blue Jay 3 (5) 4' 6 hd 7² 8² 10 (2) 11² 12 hd 14' 16 (2) 17 (2)		
	Finch 3' in tree		
	House Sparrow 4² × 5² × 8⁴ 9⁵ 10³ 11⁴ 12⁴ 15² 17⁴		
	Hairy Woodpecker 4 hd 10 hd 11 hd 12? 13? 17 (3) 27 (Percy Harris)		
	Crow 6 hd. 8 (3) 9 hd. 10 hd 11 hd 12 hd 14 hd 15 hd early morn. 16 hd 17 2/		
	Flicker 7' * 10' * 12' * 13' 15' * 17' *		
	Downy Woodpecker 13' 14 (3)		
	Shrike 15' 1 dull colored & marked, eating House Sparrow in Parkmanns apple tree.		
	Robin 27 (3) (Percy Harris)		

CASH ACCOUNT. MARCH.

Date		Received.	Paid.
	12 hd.		

Birds in our Garden, Cambridge.

CASH ACCOUNT. APRIL.

Date.		Received.	Paid.
1.	Robin 2' 3(2) 4² 6² 7' 8³ 10⁴ 11³		
2	Song Sparrow 2' 3½ 4½ 6' 7' 9' 11³		
3	Fox Sparrow 3' 4½ 6³ 7½ 8½ 10²		
4	Jenco 3(4) 4² 6' 7² 8³ 10⁵ 11⁴		
5	Crow Blackbird 3 (7 or 8 Pairs) 6⁴ 7³ 10⁵		
6	Crows 3(2) 4' 7' 10²		
7	Jay 3' 4' 6' 7' 8' 10' 11' 13' 14'		
8	House Sparrow 3 10+ 4 8+		
9	Chickadee 4' 6½ 8' 9'		
10	Hairy Woodpecker 4 bds		
11	Downy W. 6' 17²		
12	Flicker 8' 10' 17' 18½		
13.	Gull 9½		

CASH ACCOUNT. APRIL.

Date.	all notes from Apr 5–16 were made by R. Litchfield.	Received.	Paid.
1.	13⁴ 14⁴ 15' 17½ 18²		
2	14' 16' 17' 18'		
3	11' 13' 17' 18³		
4	13²		
5	15² 17 bds. 18 bds		
6	17 bds 18 ads		
7	17 bds 18'		
8			
9			
10			
11			
12			
13.			

Birds in our Garden, Cambridge

CASH ACCOUNT. MAY.

Date.		Received.	Paid.
1	Robin, 15-2 nest in evergreen on lawn & under piazza roof 22'		
2	Yellow Warbler 15'*		
3	Black & White Creeper 15-3		
4	Bal. Oriole 15-3 & 4 22'*		
5	White thr. Sparrow 15-5		
6	Jay 15-6		
7	Crowned Grackle 15-(7)		
8	Oven bird 22'		
9	Swift 22'		
10	Red eyed Vireo 22-*.		

CASH ACCOUNT. MAY.

Date.		Received	Paid.

Birds in our Garden, Cambridge

CASH ACCOUNT. JUNE.

Date.		Received.	Paid.
1	Robin 5^{-} 2 *. 6 2 *. 24	saw. out. 3 young 1 ad. * about	
2	Red. eye 5^{-1} * 6 1 * 18 1 * 24 1		
3	Bronzed Grackle 5^{-1} 24 3 in chimney		
4	Swift 5^{-1} 18 1 24 2		
5	Bal. Oriole 6 1 *		
6	Blue Jay 12 5 young & 2 adults in Jungle (Perry, 24 5 & 2		
	Red-winged Black[illegible]		

CASH ACCOUNT. JUNE.

Date.		Received.	Paid.

Birds in our Garden, Cambridge.

CASH ACCOUNT. JULY.

Date.	Received.	Paid.
1.	Robin 7 12 1*. 8 12+ 9 10+ 1*. 10 12+ 1*. 11*. 15 6 1*. 16*. 17 1*.	
2.	Blue Jay 7 2 eating cherries 8 2 9 2 10 2 11 [illegible]	
3.	Grackle 7 (S) 8 (12+ 9 8+ 10 25+ 11 20+ 14 6 15 4	
4	Goldfinch 7 call her 8 1*. 9 1*. 10 1*. 11*. 16*. 17*.	
5	Swift 7 (2) at ear. 8 2 do 9 hd. 10 hd. 13 15 hd. 16 hd.	
6.	House Sparrow 7 10 eating cherries 8 12+ 9 10 10 25+ 11 25+ 14 12	
7	Red-eye Vireo 8 1* 9 1* 10 1* 11* 14 1* 15 1* 16 1*	
8	Flicker 8 hd. 10 1 (S) 14 2 17 1* 20 1* 21 1* 31 hd.	
9	Bal. Oriole 9 ad & young 10 do	
10.	Night Heron 21 heard at 8 P.M. squawking low overhead	
11.	Screech Owl 24 1* at 10 P.M.	
12.	King bird. 24 hd.	
13.	Hummingbird 29 1 W.T. 30 1 W.T.	

CASH ACCOUNT. JULY.

Date.	Received.	Paid.
	18 6 1* 20 4 21 2 1 (S) 22 2 23 1* 24 1* 29 1/4 in	30 2 31 4 1*.
	12 2 in hour 15 2 16 2 17 3 18 4 20 4 21 last heard 22 5 24 29 3	
	16 3 17 3 18 2 20 2 on Easton 21 2 do. 22 1 24 9 1/2 in eating Sparrows	
	18 1* 20 1* 21 1*.	
	17 hd. 20 (2) 22 hd. 24 hd. 31 hd.	
	15 2 1/2 16 6 17 25 18 20 8 21 12 22 10 24 6 29 4 31 4	
	17 1* 21 1 23 1* early morn 24 (S) 31 (S)	

Birds in our Garden, Cambridge.

CASH ACCOUNT. AUGUST.

Date.	Received.	Paid.

1. Robin 1[3] 2[3] 3[2 adults calling] 4[2 ad & young] 5[do] ⊗ 6[2 ad 3 juv]
2. Warbling Vireo 13[2 ad] ⊗ (in tree by pond, & often)
3. Red-eye V. 1[1] * (early morn) 2[1] * do 3[1] ⊗ do, 9 with young 4[1] ⊗ 6
4. Grackle 8[2 on lawn] 13[5] do 14[1] do 15[6] do. 25[-] 27[4]
5. Blue Jay 1[bds.] 2[ad & young] 3 do 6 (ad & juv) 7[bds] 8[bds]
6. Crow 1[bds.] 7[bds.] 8 ⊗ 9[bds] 15[1] 20[bds.]
7. Flicker 6[1] * 8[1] 9[1] 10[bds.] 13[1] on lawn 14[bds] 18[bds]
8. House Sparrow 1[6] 2, 3, 4, 5[-4] 6[4] 7[4] 8[8] 10[8]
9. Chestnut-sided Warbler 21[1] ⊗ juv town pond, front mus.
10. Least Flycatcher 1[1] silent bird, near Mus. window, chattering
11. Water Thrush 20[1] very shy & elusive, chirping & occasionally 21[1] do.
12. Hummingbird. 2[1] w.t
13. Chimney Swift 5[bds] 7[bds.] 8[+] 9[bds] 10[bds] 11[bds]
14. Goldfinch 2[bds] calling 4[1] * 5[-] 6[1] * 13[ad] 15[-] do
15. Tennessee Warbler 18[1] on sunflowers, boy fetching cow 19[2] ♀ in sunflowers, 1 on shrubs
16. Yellow Warbler 3[♀] on elm over driveway 7[♀] on ground. 9[♀] do 10[♀]
17. Bay breast " 18[♀] ad. feeding in sunflowers 21[♂] ad in apple tree
18. Bobolink. 3[bds.] flight calls in distance, 8 a.m.
19. Blackburnian Warbler. 18[♀ juv] in sunflowers 20[♀] in jungle
20. Redstart 18[1] juv. 19[♂] juv 20 ⊗ (3) in garden. 26[1] ♂ juv 28
21. Cedar Bird 14[bds.] 15[1] on lawn chewing 18[bds.] 25[1]
22. Bal. Oriole 6[ad] 11[bds.] 14[bds] chattering 18[1] juv 19[1] juv
23. Sparrow Hawk 8[♂] in dead tree. Up in Hurlbut Park
24. Black & White Warbler 6[♀] on lawn. 18[?] 19[1] 20[2]
25. Maryland Yellow-throat 13[♂] in thicket

CASH ACCOUNT. AUGUST.

Date.	Received.	Paid.

18[2] 19[2 ad & 2 juv] 20[4] 21[4] 22[2] 23[4] 24[2] 25[2] 26[4] 27[4] ⊗ 28[2] 29[3]

7[1] of ad 8[1] ⊗ 9[1] ⊗ 10[1] ⊗ Sun 11[1] ⊗ 12[2] 13[2 on lawn] 14[2 ad 2 juv] 15[1] 17[25+ Tuesday]

(25[1] * 26[1] * 27 ⊗ 28[1] ⊗)

8[1] * early morn 9[1] ⊗ do 10[1] ⊗ 11[1] ⊗ 13[1] ⊗ 14[1] ⊗ 18[1] 19[1] ⊗ 20 (2) 23[1] * 24[1] *

28 bds.

(26 bds. 27 bds. 28 bds.)

9 bds. 10 do. 11 do 12 do 13 do 14 do 15 do 18 do 19 do 20 do 21 bds.

23 bds. 26 bds.

26[1] ⊗ 27[1]

13[6 on lawn] 14[6] do 15[4] do 20 dw 21[4] 25 dw. 26[8] 27[8] 28[8] ⊗ in trees

(26. Nashville Warbler. 25[1] well seen

(27 Black. thr. Gren W. 25[1] bird poorly seen 26[1] ♀ well seen.

(28 Rose br. Grosbeak 25[1] ♀ heard chirping & singing. Pair seen 27 a pr juv

(29 Veery 26[1] silent bird well seen.

12 bds. 13[8+ ad] on lawn 14 Sun bds at nest 18 do 19[1] 20 Sun. 21 bds. 24 bds. 25 bds

18 [3 ad] on sunflowers 19 [2 ad] do. 22[1] * 25 [♂ ad] ⊗ 26 [♂ ad] young bds 27 [♂ ad] Sun. young

20 (2) 21 bds chirping. 25[1] well seen 26[1] do 28[1] well seen; young seen chasing

11 bds (?) 12 bds (?) 13 [♂] in jungle. 14 Chuck bds

(30. Purple Finch 27 (3 gray birds in Lum cherry 28[2] do.

(31 Downy Woodpecker 25 heard in jungle.

(32 Oven bird 26' 28'

(33 Chippy 26[1] ad * juv.

(34 Wood Pewee 27[1] silently in cherry at corner, boy saw

20[1] juv 22 bds. 23 bds. 26[1] juv 27[1] ad ♂ juv 28 Big flock. Counted 28. Probably 40 in all. All young? Only seen chasing.

(35 Black-poll Warbler 28[1] juv.

(36 Scarlet Oak. Feathers & droppings seen frequently on beeches in Garden & Jungle but not heard or seen.

Birds in our Garden, Cambridge.

CASH ACCOUNT. SEPTEMBER.

Date.		Received.	Paid.
✓1	Robin 1 in cherry	19² 23²	
✓2	Tennessee Warbler 1 ② in cherry.	19² do.	
✓3	Redstart 1' in pl. & 19' in pl.		
✓4	Goldfinch 1² 19'		
✓5.	Rose Br. Grosbeak 1	do.	
✓6.	Blue Jay 1' 19³ 23 ④		
7	House Sparrow 1⁶ 19'	23²	
✓8	Phoebe 19'		
✓9	Swainson's Thrush 19'	saw against Mr. Comm's	
✓10	Gray-cheeked " 19'		
✓11	Yellow-rump Warbler 19²		
✓12	Black-poll " 19'		
✓13	Orange-crown'd " 23'		
✓14	Scarlet Tanager 19²	23	
✓15.	White-throated Sparrow 19⁴	23	
✓16	Song Sparrow 19'		
✓17	Finch 19²		
✓18	Sapsucker 23		
✓19	Starling 23 ④		
✓20	Crow 19	23	

CASH ACCOUNT. SEPTEMBER.

Date.	Received.	Paid.

Birds in our Garden, Cambridge.

CASH ACCOUNT. OCTOBER.

~~Date.~~		Received.	Paid
1.	Robin 3 2 5-1		
2.	Goldfinch 3 7 at sunflowers		
3	Blue Jay 3 2 5-1 3 1 2		
4	White-thr. Sparrow 3 12+ at grapes 5-2		
5	House Sparrow 3 4 5-4 31 25+		
6	Black-poll Warbler 3'		
7	House Wren 3' in grapevine		
8	Sapsucker 3 5 in willows		
9	Towhee 3 9 on grape vines		

CASH ACCOUNT. OCTOBER.

Date.		Received.	Paid.

Birds in our Garden, Cambridge

CASH ACCOUNT. NOVEMBER.

Date.		Received.	Paid.
..	Hermit Thrush 1'		
..	Chickadee 1' 15' 20th 23rd 24th 25th 27'		
..	Ruby-crown Kinglet 1' doubtful affinity.		
..	Golden crest " 1st heard 13(2) 14th. 16th		
..	Yellow-throat W. 1'		
..	Goldfinch 1? 14		
..	White-thr. Sparrow 1 bt pale grayish. 13 14		
..	Hermit " 1(25th) 13 20t 14. 20		
..	Blue Jay 1 14 15(8) 16 24' 25'		
..	Tree Sparrow 15' 30'		
..	[illegible] 15' 20'		
..	[illegible] 15' 16' 20 29'		
..	Brown Creeper 16		
..	Herring Gull 16 50+		
..	[illegible] 20 [illegible]		
..	Downy W. 20 22 [illegible]		
..	Robin 24 Had in Cattage by Museum, & a..		
..	N. Shrike 28' Had in Cage in Museum		
..	Song Sparrow 29 1 in Cage in Museum		

CASH ACCOUNT. NOVEMBER.

Date.		Received.	Paid.
	23rd 24' 25th 27 (2nd)	29' 30'	
	22nd 23, 24th 25th 26th 27th+	29th+ 30th+	
	27' 29(2)		

Birds in our Garden, Cambridge

CASH ACCOUNT. DECEMBER.

Date		Received.	Paid.
1.	Blue Jay 2' 3(3) 4²	9' 10ᵈᵈ. 11² 12² 14ʰᵈ	
2.	H. Sparrow 2ᵇ+ 3, 4¹⁰+ 8ᵇ+ 9 [illegible] 10 [illegible] 11ˢᵛ.		
3.	Flicker 3' 11ʰᵈ. 12ʰᵈ. 15ʰᵈ.	16ʰᵈ. 18ʰᵈ.	
4.	Downy W. 3 heard 12' in jungle. 15ʰᵈ. 16ʰᵈ.		
5.	Chickadee 3 " 4'		
6	Golden-crest Kinglet 3(2) in elm	11' in cedar 16ʰᵈ	
7	Crows 3(2) 8ʰᵈ. 13' in linden. 14ʰᵈ.		
8	Juncos 22 ♂ feeding in lot of grey birds of various sorts on snowy, sunny roads.		
9	Hairy Woodpecker 28 ♂ in Catalapa by museum		

CASH ACCOUNT. DECEMBER.

Date.	Received.	Paid
	16ʰᵈ. 18ʰᵈ. 20' 22(2) 28' 30 ♀	
	13' 14ˢᵉᵛ. 16ˢ 17ˢ 18ˢ 20ᵇ 22ᵇ 23ᵇ 28¹²+ 30ᵇ	
	28ʰᵈ. 29'	
	20ʰᵈ. 22ʰᵈ. 28♀ in Catalapa by museum. 30ʰᵈ.	

Birds noted at Washington D.C.

SUMMARY OF CASH ACCOUNT.

		Received.	Paid.
JAN.		June	
1	Robin	26 1*	27 2* 28 6 30 1*
FEB. 2	Wood Thrush	26 2*	27 3* 28 3* 30 2*
3	Cat Bird	26 1*	27 1* 28 2* 30 2* 3*
MAR. 4	Carolina Wren	26 1*	27 1* 28 2* 30 1*
5	House "	26 1*	27 1* 28 2* 30 1*
APRIL 6	English Sparrow	26 1*	27 1* 28 1*
7	Carolina "	28 1*	
MAY 8	Yellow Warbler	26 1*	27 1* 28 1* 30 1*
9	Maryland Yellow Thr.	28 1*	
JUNE 10	Red. eyed Vireo	26 1*	27 1* 28 1* 30 1* 7
11	Yellow-thr. "	28 1*	30 1*
JULY 12	Barn Swallow	28 8	
13	Orchard Oriole	28 (29)	
AUG. 14	Meadow Lark	28 3*	
15	Song Sparrow	28 2*	30 1*
SEPT. 16	Goldfinch	26 1*	28 1*
17	Cardinal	26 1*	27 1* 28 1* 30 1*
OCT. 18	Indigo bird	26 1*	27 1* 28 1*
19	Purple Grackle	26 10	27 15 28 8
NOV. 20	Crow	26 1	28 2 30 4
21	Jay	26 1*	27 1* 28 3* 30 1*
DEC. 22	Night Heron	26 1	30 (2)
23	Mourning Dove	26 1	27 1 28 (25)

BILLS PAYABLE. JANUARY.

Date.	Name.	Dollars.	Cts.
	July August		
	1 1* near the Garden, 3 1* 1* 4 2* 5 2*		
	1 2* 2 2* 3 3* 4 2* 5 2*		
	1 1* 2 1* near the Garden 3 2* 3 1* 4 1* 5 2*		
	1 1* 2 1* 3 1* 5 1*		
	1 1* 2 1* 3 1*		
	1 1* 2 1* 3 1* 4 1* 5 1*		
	4 3*		
	1 1* Lafayette Park 2 1* 3 1* 4 3*		
	5 1*		
	RECEIVABLE.		
	4 6		
	4 2*		
	1 1* 2 1* 4 2*		
	2 1* 4 1*		
	1 1* Lafayette Park 2 1* 3 1* 4 1* 5 2*		
	2 1* 4 1*		
	2 6		
	1 1* 2 1* 3 1*		
	4 2		

Birds noted at Washington D.C.

BILLS PAYABLE. ~~FEBRUARY~~.

~~Date.~~	NAME.	Dollars.	Cts
24	Red-headed Woodpecker	28 (2) 30'	
25	Flicker	28' 30'	
26	Yellow bill Cuckoo	27' 28' 30'	
27	Chimney Swift	26' 27' (3) 28' (3) 30'	
28	Rough wing Swallow	28' 30'	
29	Black & W. Creeper	30'	
30	Worm eating Warb.	30'	
31	Scarlet Tanager	30'	
32.	Purple Martin	30 (3) flying over & twice on ground	
33.	Wood Pewee		
34.	Fish Crow		
	RECEIVABLE		
35	Acadian Flycatcher	26' 27' 28' 30'	
36	Yellow wing Sparrow		
37	Field Sparrow		
38	Cow-bird		

BILLS PAYABLE. MARCH.

Date.	NAME.	Dollars.	Cts.
	July		
	4'		
	2'		
	1' Lafayette Park 4'		
	2 4		
	2' 4'		
	2'		
	2' 4'		
	1 bet 2 (5)		
	RECEIVABLE.		
	1' 2' 3' 4' 5'		
	4'		
	4'		
	4 ♂ on ground in golf links		

Birds noted at Washington, D. C

BILLS PAYABLE. APRIL.

Date.	Name.	Dollars.	Cts.
	[illegible] 4 2 8 (15)+		
	Forest Grackle 3 (19) 4 (2) 5 (2) 10 (2)		
	Robin 3'		
	[illegible] 4 H. H.		
	[illegible] 5 1/2 + 4 1/2		
	[illegible] 5 1/2.		
	Carolina Wren 4' x 8'		
	[illegible] 4' x 8'		
	Field Sparrow 6'		
	Crow 6' 8 (3)		
	Goldfinch 8 (10) + Eating seeds of Hemlock cones in Zoo.		
	White throated Sparrow 8 1/2		

RECEIVABLE.

Carolina Chickadee 8 (2)

BILLS PAYABLE. MAY.

Date.	Name.	Dollars.	Cts.

RECEIVABLE.

BILLS PAYABLE. JUNE.

Date.	Name.	Dollars.	Cts.

RECEIVABLE.

BILLS PAYABLE. JULY.

Date.	Name.	Dollars.	Cts.

RECEIVABLE.

Birds noted at Bethel, Maine

BILLS PAYABLE. ~~AUGUST~~. December 6

Date	NAME.	Dollars.	Cts.
	Chickadee December 6		
	Golden crest K. " 6		
	Hairy Woodpecker " 6		
	Partridge " 6		
	1 owl		
	Jay - very noisy & common here.		
	Crow - one seen only.		
	Pheasant. Birds heard here in early Feb		
	Rabbit - Several tracks		
	Red Squirrel " " a few tracks.		

RECEIVABLE.

Mice. Many tracks.

Birds noted at Wolfeboro, N. H.

BILLS PAYABLE. SEPTEMBER.

Date.	NAME.	Dollars.	Cts.
	Robin 20² 21⁴		
	Chickadee 21⁴.		
	Usnea Warbler 21¹		
	Black-poll 20² 21²		
	Yellow-rump 20² 21⁴		
	Chippy 21 (50+)		
	Song Sparrow 21²		
	White thr. " 1²		
	Meadow Lark 22 (4) Academy grounds		
	Brownsd Grackle 21 (8) 22 (8)		
	Flicker 21¹		
	Loon 20½ heard in early morn		

RECEIVABLE.

Cedar bird 21⁴ 22⁴⁴

Bluebird 21⁴⁴ 22 (3)

BILLS PAYABLE. OCTOBER.

Date.	Name.	Dollars.	Cts.

RECEIVABLE.

Birds noted at Concord, Mass

~~BILLS PAYABLE.~~ NOVEMBER.

~~Date.~~	Name.	Dollars.	Cts.
✓1	Golden-Crest 16 hd.		
✓2	Junco 16 (25 c.) 17 (25) 18 (25)		
✓3	Partridge 16 2 17 1 30 1 Both hd.		
✓4	Pheasant 16 1 cock 2 hens Heard flew at hd. · 18 (10) 4 & 8 14 2 · 30 3 hd		
✓5	Chickadee 17 (5)		
✓6	Goldfinch 17 (5) C.A. 18 hd.		
✓7	Purple Finch 17 hd Both hd.		
✓8	Fox Sparrow 17 1		
✓9	Downy W. 17 1 out Pecked Hr. 18 2 hd. 19 2 hd.		
✓10	Blue Jay 17 (2) 18 2		
✓11	Crow 17 2 18 4 19 saw.		
✓12	Red(?) Crossbill 18 1 hd.		
✓13	Tree Sparrow 18 hd.		
✓14	Br. Creeper 18 hd.		
✓15	White br. Nuthatch 18 hd		
✓16	Red " " 18 hd		

RECEIVABLE. B.7. B.7.

Birds noted at Concord, Mass

BILLS PAYABLE. DECEMBER.

Date.	NAME.	Dollars.	Cts.
1	Chickadee 1 (5) (5-7) P.H		
2	Golden crest 1 (2) (2) (2)		
3	Creeper 1		
4	Red bellied Nuthatch 1 (2) (2) (2)		
5	Yellow rump Warbler 1		
6	Goldfinch 1 (3)		
7	Pine Linnet 1		
8	Junco 1 25+ 25+		
9	Crow 1		
10	Blue Jay 1 5 2		
11	Downy W. 1		
12	Partridge 1		
13	Pheasant 1		
14	Screech Owl 1		
16	Tree Sparrow 1		

RECEIVABLE.

Birds noted at Chesterwood, Stendal.

MEMORANDA. June 6-

Date.		Dollars.	Cts.
1.	Robin 6 7 8 10 11 12 13		
2.	Chickadee 7 9 12		
3.	H. [illegible] 6 7 8 9 10 12 13		
4.	Minivetta 7 8 12 13		
6.	D. virens 7 9 10 11 12 13		
6.	Red eye V. 6 7 8 9 10 11 12 13		
7.	Warbling 6 (sings) 9 (do) 13 do.		
8.	Tanager 7 10 12		
9.	Cowbird 6 7 8 1 10 11 12 13		
10.	Song Sp. 6 7 8 9 10 11 12 13		
11.	Chippy 7 10 11 12 13		
12.	Field S. 6 12 Knight farm.		
13.	Oriole 6 9 10 11 12 13		
14.	Jay 7 10 12 13		
15.	Crow 6 10 (one bullying Cooper Hawk) 10		
16.	Wood Pewee 6 7 8 9 10 11 12 13		
17.	Crested F. 6 7 8 9 10 11 12 13		
18.	Swift 6 7 9 10 11 12		
19.	B. C. Cuckoo 6 8 13		
20.	Red S. Hawk 7 13		
21.	Cedar bird 6 8 10 12 13		
22.	Whip-poor-will 7 (all night) 10 (all night) 11 do 12		
23.	Maryland Yellow. 8		
24.	Phoebe 8 (early morn.) 12 do		

Birds noted at Chestnutwood, Glendale

MEMORANDA. June 6 - 13

Date.		Dollars.	Cts.
25†	Redstart 8'* 9'* 11'* 12'*	13'*	
26	F. Chickadee 8' on campus 10' 12'⊛ 12'		
27	Wood Thrush 8'* at cam. 9 2* at cam	10 2* 12'* 13'*	
28	Locust Tidy. 8'* 9'* 10'* 11'*	12'* 13'*	
29	Sparrow Hawk 9° flying low over pasture		
30	Cooper's " 10 7 bullied by crow on wing		
31	Yellow Warbler 9'* near Bowker pl.	13'* bridge	
32	Purple Finch 10 5 at *	12'* do 13'* do	
33	Solitary Vireo 10'* Studio woods		
34	Yellow Thr. " 10'* "		
35†	Barn Swallows 10 12+ Knight farm		
36	Bluebird 10 2 11'⊛ 12'⊛		
37	Rose br. Grosbeak 11'⊛ near house	12'* do	
38	Veery 10 7 flushed fr. nest 4 egg on ground, under fern	11'* Studio woods	
39	Blackburnian Warbler 11'* 12'*		
40	Black & Yellow " 11'*		
41	Black-thr. Blue " 12'* Song sounded strange in Studio woods.		
42	Hermit Thrush 12'* on Mt. Ridge 6 P.M.		
43	Grass Finch 12'* Knight farm. Typical Beal&Bain song, only one intro. note.		
44	Nashville Warbler 13'*. Studio woods		
45†	Thrasher 13' near house		
46	Brownhead Grackle 13' "		

United States & Canada

ADDRESSES.

NAME. Mrs. Thomas S. Farley

STREET, No. Greenwood Farm, Richmond Road,

CITY. South Euclid, Ohio.

TELEPHONE No.

NAME. William Dutcher

STREET, No. 939 Park Avenue

CITY. Plainfield, N. J.

TELEPHONE No.

NAME. John B. Burnham — American Game Protection & Propagation Ass.

STREET, No. 233 Broadway

CITY. New York

TELEPHONE No.

NAME. Emma G. Smith — Teacher of Phys. Ed. & Hygiene

STREET, No. 90 Main St. — Teacher

CITY. Concord Mass

TELEPHONE No. 114 Concord

NAME. Miss Mary Head — Friend. Nurse friend of Miss Hendee.

STREET, No. 55 Chester

CITY. Newton Highlands

TELEPHONE No.

NAME. Dr. F. A. Casteel — Dentist

STREET, No. 1616 Eye St.

CITY. Washington

TELEPHONE No.

Great Britain.

ADDRESSES.

NAME. Miss George

STREET, No.

CITY.

TELEPHONE No. Wellesley, 221-4.

NAME. Miss Grace W. Hearts

STREET, No. % Jno. Coal & Son

CITY. Paris

TELEPHONE No.

NAME. Hotel Collingwood

STREET, No. 45 West 35th

CITY. New York City

TELEPHONE No. Small, quiet & very comfortable according to Chas. Dooley.

NAME. Mrs. L. H Wentworth (Grace Benson)

STREET, No. 338 Harvard St.

CITY. Cambridge.

TELEPHONE No.

NAME.

STREET, No.

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ADDRESSES.

Young Englishman deputy interned in Berlin. Mrs. Lucas Lucas Lucas

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Bats in shed loft at 7 a.m.

May 9 - 4 in bunch of oaktree
" 10 - 5 in outer 4 in mine, loft
" 11 - 10 " " 4 " " "
" 12 - 11 " " 0 " " "
" 13 - 14 " "
" 14 - 14 " "
" 15 - 14 " "
" 16 - 14 "
" 23 - 14
June 15 - 12 in oaktree (all adult)

Campernelle Jonquils (at Farm)

Alpinus purples
Neglectus "
Heliantheumum Ecklonis
} Seen in Gardiner Harris' garden.

Big Single flowering Blue Aster
grown by Arthur T. Estabrook

"

For binding ground & keeping down
Granulated Calcium Chloride
& 1.50 per 100 lbs.
G. E. Boyce & Co., 190 Mill St., Buf.

"

Humus for Lawns
4 tons to 1 acre.
The Alphons Humus Co.
White Hall Building, New York City

Recommended by R. H. Rowe.

Waiting for the Bugle

By Thomas Wentworth Higginson

WE wait for the bugle; the night-dews are cold,
The limbs of the soldiers feel jaded and old,
The field of our bivouac is windy and bare,
There is lead in our joints, there is frost in our hair,
The future is veiled and its fortunes unknown,
As we lie with hushed breath till the bugle is blown.

At the sound of that bugle each comrade shall spring
Like an arrow released from the strain of the string;
The courage, the impulse of youth shall come back
To banish the chill of the drear bivouac,
And sorrows and losses and cares fade away
When that life-giving signal proclaims the new day.

Though the bivouac of age may put ice in our veins,
And no fibre of steel in our sinew remains;
Though the comrades of yesterday's march are not here,
And the sunlight seems pale and the branches are sere;—
Though the sound of our cheering dies down to a moan,
We shall find our lost youth when the bugle is blown.

✣✣✣✣